

# Alert Profile and Action Profile Variables

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## Custom Alert Message Variables

The following variables can be used to create a custom alert message. You can add or remove variables to suit your needs when creating or modifying an [Alert Profile](#).

These alert variables are also available as input parameter values when configuring an Action Profile to initiate a VMware vCenter Orchestrator workflow.

| Service Outage Information |                                                                                                                                                                   |                                                                                                                                                                   |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Variable                   | Definition                                                                                                                                                        | Values / Example                                                                                                                                                  |
| \$TYPE\$                   | The type of notification.                                                                                                                                         | <ul style="list-style-type: none"><li>• Problem</li><li>• Recovery</li></ul>                                                                                      |
| \$NOTIFICATION_NUMBER\$    | The number of alerts the outage has sent.                                                                                                                         |                                                                                                                                                                   |
| \$SERVICE_NAME\$           | The name of the service, along with the name of the host for which the alert was generated. By default, this variable appears in the subject line of the message. | For example, if the alert was generated by the ping check for the server MailHub, then PING-MailHub appears in the alert.                                         |
| \$SERVICE_DESCRIPTION\$    | The Uptime Infrastructure Monitor description of the service monitor.                                                                                             |                                                                                                                                                                   |
| \$SERVICES_TATES\$         | The current status of the service monitor generating the alert. By default, this variable appears in the subject line of the message.                             | <ul style="list-style-type: none"><li>• OK</li><li>• WARN</li><li>• CRIT</li><li>• MAINT</li><li>• UNKNOWN</li></ul>                                              |
| \$OUTPUT\$                 | The output of the monitor that generated the alert                                                                                                                | Ping completed: 1 sent, 100.0% loss, 0.0ms average round trip time                                                                                                |
| \$HOSTNAME\$               | The name of the host (as saved in Uptime Infrastructure Monitor) for which this alert was generated.                                                              | Systems can have a hostname that is different from its display name. For example, a hostname of 10.1.1.6 or exch-corp12 could have a display name of Mail Server. |
| \$DISPLAYNAME\$            | The name of the host as it appears in the Uptime Infrastructure Monitor Web interface.                                                                            | Systems can have a hostname that is different from its display name. For example, a hostname of 10.1.1.6 or exch-corp12 could have a display name of Mail Server. |
| \$HOST_DESCRIPTION\$       | The Uptime Infrastructure Monitor description of the host.                                                                                                        |                                                                                                                                                                   |
| \$HOSTSTATE\$              | The status of the service monitor's host.                                                                                                                         | <ul style="list-style-type: none"><li>• OK</li><li>• WARN</li><li>• CRIT</li><li>• MAINT</li><li>• UNKNOWN</li></ul>                                              |
| Date and Time              |                                                                                                                                                                   |                                                                                                                                                                   |
| Variable                   | Definition                                                                                                                                                        | Values / Example                                                                                                                                                  |
| \$12HOUR\$                 | The hour the outage started, using the 12-hour clock system.                                                                                                      | 11<br>12<br>1 ...                                                                                                                                                 |
| \$24HOUR\$                 | The hour the outage started, using the 24-hour clock system.                                                                                                      | 11<br>12<br>13 ...                                                                                                                                                |

|                                                            |                                                                                                                  |                                                                       |
|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| \$MINUTE\$                                                 | The minute of the hour the outage started.                                                                       |                                                                       |
| \$AMPM\$                                                   | The day period the outage started.                                                                               | <ul style="list-style-type: none"><li>• AM</li><li>• PM</li></ul>     |
| \$DAY\$                                                    | The day of the month the outage started                                                                          | 1<br>2<br>3<br>4 ...                                                  |
| \$DAYNAME\$                                                | The day of the week the outage started.                                                                          | Tue<br>Wed<br>Thu ...                                                 |
| \$MM\$                                                     | The (numbered) month of the year the outage started.                                                             | 1<br>2<br>3<br>4 ...                                                  |
| \$MON\$                                                    | The (abbreviated) month of the year the outage started.                                                          | Jan<br>Feb<br>Mar<br>Apr ...                                          |
| \$MONTH\$                                                  | The month of the year the outage started.                                                                        | January<br>February<br>March<br>April ...                             |
| \$YEAR\$                                                   | The year the outage started.                                                                                     | 2016                                                                  |
| \$DATE\$                                                   | The date the outage started.                                                                                     | 14/Feb/2016                                                           |
| \$TIME\$                                                   | The time the outage started.                                                                                     | 16:59                                                                 |
| \$DATETIME\$                                               | The date and time at which the alert was generated. By default, this appears in the subject line of the message. | Sun Feb 14 16:59:59 EDT 2016                                          |
| \$DURATION\$                                               | The duration of the outage so far.                                                                               | 30 minutes<br>3 hours, 30 minutes<br>2 days, 3 hours, 30 minutes      |
| Uptime Infrastructure Monitor Associations and Hierarchies |                                                                                                                  |                                                                       |
| Variable                                                   | Definition                                                                                                       |                                                                       |
| \$SERVICE_GROUP\$                                          | The service group the service monitor is a part of.                                                              |                                                                       |
| \$HOST_GROUP\$                                             | The Element group that the service monitor's host is a member of.                                                |                                                                       |
| \$NOTIFICATION_GROUPS\$                                    | All notification groups that are contacted by this alert profile.                                                | <notificationGroup1>, <notificationGroup2>, <notificationGroup3>, ... |
| \$NOTIFICATION_USERS\$                                     | All users contacted by this alert.                                                                               | <user1>, <user2>, <user3>, ...                                        |
| Custom Element Fields                                      |                                                                                                                  |                                                                       |
| Variable                                                   | Definition                                                                                                       |                                                                       |
| \$CUSTOM_1\$                                               | Custom fields that you are using to further describe your Elements.                                              |                                                                       |
| \$CUSTOM_2\$                                               |                                                                                                                  |                                                                       |
| \$CUSTOM_3\$                                               |                                                                                                                  |                                                                       |
| \$CUSTOM_4\$                                               |                                                                                                                  |                                                                       |
| Outage Reference Information                               |                                                                                                                  |                                                                       |
| Variable                                                   | Definition                                                                                                       |                                                                       |

|                             |                                                  |                                                                    |
|-----------------------------|--------------------------------------------------|--------------------------------------------------------------------|
| \$INCIDENT_NUMBER\$         | A unique identifier for the outage.              | 000000000000000000000000139282498000023                            |
| \$URL_OUTPUT\$              | A URL-encoded version of the SVCOUTPUT variable. | A+MASTER%2FMEMBER+service+monitor+for+this+application+is+in+CRIT. |
| \$URL_ENCODE_SERVICE_NAME\$ | a URL-encoded version of the SVCNAME variable.   | APPLICATION+-+Application+status+monitor                           |

## Script Alert Variables

The following variables can be used in a script alert, which can be included as part of an [Alert Profile](#).

The platform on which the script runs determines how to denote the variable:

- \$UPTIME\_VARNAME on Linux
- %UPTIME\_VARNAME% on Windows

| Service Outage Information |                                                                                                                                                                   |                                                                                                                                                                   |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Variable                   | Definition                                                                                                                                                        | Values / Example                                                                                                                                                  |
| UPTIME_SUBJECT             | The subject line that would normally appear in an emailed alert for this alert.                                                                                   | Uptime Alert - UPTIME-oracle_server -> CRIT                                                                                                                       |
| UPTIME_MESSAGE             | The name of the service monitor generating this alert.                                                                                                            | UPTIME-oracle_server                                                                                                                                              |
| UPTIME_ALERTTYPE           | The type of notification.                                                                                                                                         | <ul style="list-style-type: none"> <li>• Problem</li> <li>• Recovery</li> </ul>                                                                                   |
| UPTIME_NOTIFICATION_NUMBER | The number of alerts the outage has sent.                                                                                                                         |                                                                                                                                                                   |
| UPTIME_SERVICE_NAME        | The name of the service, along with the name of the host for which the alert was generated. By default, this variable appears in the subject line of the message. | For example, if the alert was generated by the ping check for the server MailHub, then PING-MailHub appears in the alert.                                         |
| UPTIME_SERVICE_DESCRIPTION | The Uptime Infrastructure Monitor description of the service monitor.                                                                                             |                                                                                                                                                                   |
| UPTIME_SVCSTATUS           | The current status of the service monitor generating the alert. By default, this variable appears in the subject line of the message.                             | <ul style="list-style-type: none"> <li>• OK</li> <li>• WARN</li> <li>• CRIT</li> <li>• MAINT</li> <li>• UNKNOWN</li> </ul>                                        |
| UPTIME_SVCOUTPUT           | The output of the monitor that generated the alert                                                                                                                | Ping completed: 1 sent, 100.0% loss, 0.0ms average round trip time                                                                                                |
| UPTIME_HOSTNAME            | The name of the host (as saved in Uptime Infrastructure Monitor) for which this alert was generated.                                                              | Systems can have a hostname that is different from its display name. For example, a hostname of 10.1.1.6 or exch-corp12 could have a display name of Mail Server. |
| UPTIME_DISPLAYNAME         | The name of the host as it appears in the Uptime Infrastructure Monitor Web interface.                                                                            | Systems can have a hostname that is different from its display name. For example, a hostname of 10.1.1.6 or exch-corp12 could have a display name of Mail Server. |
| UPTIME_HOST_DESCRIPTION    | The Uptime Infrastructure Monitor description of the host.                                                                                                        |                                                                                                                                                                   |
| UPTIME_HOSTSTATUS          | The status of the service monitor's host.                                                                                                                         | <ul style="list-style-type: none"> <li>• OK</li> <li>• WARN</li> <li>• CRIT</li> <li>• MAINT</li> <li>• UNKNOWN</li> </ul>                                        |
| Date and Time              |                                                                                                                                                                   |                                                                                                                                                                   |

| Variable                                                          | Definition                                                                                                       | Values / Example                                                     |
|-------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| UPTIME_12HOUR                                                     | The hour the outage started, using the 12-hour clock system.                                                     | 11<br>12<br>1 ...                                                    |
| UPTIME_24HOUR                                                     | The hour the outage started, using the 24-hour clock system.                                                     | 11<br>12<br>13 ...                                                   |
| UPTIME_MINUTE                                                     | The minute of the hour the outage started.                                                                       |                                                                      |
| UPTIME_AMPM                                                       | The day period the outage started.                                                                               | <ul style="list-style-type: none"> <li>• AM</li> <li>• PM</li> </ul> |
| UPTIME_DAY                                                        | The day of the month the outage started                                                                          | 1<br>2<br>3<br>4 ...                                                 |
| UPTIME_DAYNAME                                                    | The day of the week the outage started.                                                                          | Tue, Wed, Thu, ...                                                   |
| UPTIME_MM                                                         | The (numbered) month of the year the outage started.                                                             | 1<br>2<br>3<br>4 ...                                                 |
| UPTIME_MON                                                        | The (abbreviated) month of the year the outage started.                                                          | Jan<br>Feb<br>Mar<br>Apr ...                                         |
| UPTIME_MONTH                                                      | The month of the year the outage started.                                                                        | January<br>February<br>March<br>April ...                            |
| UPTIME_YEAR                                                       | The year the outage started.                                                                                     | 2016                                                                 |
| UPTIME_DATETIME                                                   | The date and time at which the alert was generated. By default, this appears in the subject line of the message. | Sun Feb 14 16:59:59 EDT 2016                                         |
| UPTIME_DURATION                                                   | The duration of the outage so far.                                                                               | 30 minutes<br>3 hours, 30 minutes<br>2 days, 3 hours, 30 minutes     |
| <b>Uptime Infrastructure Monitor Associations and Hierarchies</b> |                                                                                                                  |                                                                      |
| Variable                                                          | Definition                                                                                                       |                                                                      |
| UPTIME_SERVICE_GROUP                                              | The service group the service monitor is a part of.                                                              |                                                                      |
| UPTIME_HOST_GROUP                                                 | The Element group that the service monitor's host is a member of.                                                |                                                                      |
| UPTIME_NOTIFICATION_GROUPS                                        | All notification groups that are contacted by this alert profile.                                                | notificationGroup1, notificationGroup2, notificationGroup3, ...      |
| UPTIME_NOTIFICATION_USERS                                         | All users contacted by this alert.                                                                               | user1, user2, user3, ...                                             |
| <b>Custom Element Fields</b>                                      |                                                                                                                  |                                                                      |
| Variable                                                          | Definition                                                                                                       |                                                                      |
| UPTIME_CUSTOM_1                                                   | Custom fields that you are using to further describe your Elements.                                              |                                                                      |
| UPTIME_CUSTOM_2                                                   |                                                                                                                  |                                                                      |
|                                                                   |                                                                                                                  |                                                                      |

|                                     |                                                                          |                                                                       |
|-------------------------------------|--------------------------------------------------------------------------|-----------------------------------------------------------------------|
| UPTIME_CUSTOM_3                     |                                                                          |                                                                       |
| UPTIME_CUSTOM_4                     |                                                                          |                                                                       |
| <b>Outage Reference Information</b> |                                                                          |                                                                       |
| Variable                            | Definition                                                               |                                                                       |
| UPTIME_INCIDENT_NUMBER              | A unique identifier for the outage.                                      | 000000000000000000000000139282498000023                               |
| UPTIME_URL_OUTPUT                   | A URL-encoded version of the SVCOUTPUT variable.                         | A+MASTER%2FMEMBER+service+monitor+for+this+application+is+in+CRIT.    |
| UPTIME_URL_ENCODE_SERVICE_NAME      | a URL-encoded version of the SVCNAME variable.                           | APPLICATION+-+Application+status+monitor                              |
| <b>Alert Recipient Information</b>  |                                                                          |                                                                       |
| Variable                            | Definition                                                               |                                                                       |
| UPTIME_CONTACTLOGINNAME             | The login name of the user who is notified.                              |                                                                       |
| UPTIME_DESKTOPHOST                  | The windows desktop hostname setting for the user notified.              |                                                                       |
| UPTIME_DESKTOPWORKGROUP             | The Windows workgroup for the desktop host.                              |                                                                       |
| UPTIME_EMAIL                        | The email address associated with the user notified.                     |                                                                       |
| UPTIME_MOBILE                       | The pager or cellphone number associated with the user notified.         |                                                                       |
| <b>Alert Script Variables</b>       |                                                                          |                                                                       |
| Variable                            | Definition                                                               |                                                                       |
| UPTIME_SCRIPT                       | The name of the current script executed.                                 | C:/Program Files/uptime software/uptime/scripts/my_custom_alerter.bat |
| UPTIME_SMTP_HELOSTRING              | The HELO string used in your SMTP server configuration.                  |                                                                       |
| UPTIME_SMTP_PASSWORD                | The password used from authentication in your SMTP server configuration. |                                                                       |
| UPTIME_SMTP_PORT                    | The server port used in your SMTP server configuration.                  |                                                                       |
| UPTIME_SMTP_SENDER                  | The sender address string used in your SMTP server configuration.        |                                                                       |
| UPTIME_SMTP_SERVER                  | The server hostname used in your SMTP server configuration.              |                                                                       |
| UPTIME_SMTP_USER                    | The user name used for authentication in your SMTP server configuration. |                                                                       |

## Recovery Script Variables

The following variables can be used in a recovery script as part of an [Action Profile](#).

|                                   |                           |                                                                             |
|-----------------------------------|---------------------------|-----------------------------------------------------------------------------|
| <b>Service Outage Information</b> |                           |                                                                             |
| Variable                          | Definition                | Values / Example                                                            |
| UPTIME_NOTIFICATIONTYPE           | The type of notification. | <ul style="list-style-type: none"> <li>Problem</li> <li>Recovery</li> </ul> |

|                            |                                                                                                                                                                   |                                                                                                                                                                   |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UPTIME_NOTIFICATION_NUMBER | The number of alerts the outage has sent.                                                                                                                         |                                                                                                                                                                   |
| UPTIME_SERVICE_NAME        | The name of the service, along with the name of the host for which the alert was generated. By default, this variable appears in the subject line of the message. | For example, if the alert was generated by the ping check for the server MailHub, then PING-MailHub appears in the alert.                                         |
| UPTIME_SERVICE_DESCRIPTION | The Uptime Infrastructure Monitor description of the service monitor.                                                                                             |                                                                                                                                                                   |
| UPTIME_SERVICE_STATE       | The current status of the service monitor generating the alert. By default, this variable appears in the subject line of the message.                             | <ul style="list-style-type: none"> <li>• OK</li> <li>• WARN</li> <li>• CRIT</li> <li>• MAINT</li> <li>• UNKNOWN</li> </ul>                                        |
| UPTIME_OUTPUT              | The output of the monitor that generated the alert                                                                                                                | Ping completed: 1 sent, 100.0% loss, 0.0ms average round trip time                                                                                                |
| UPTIME_HOST_NAME           | The name of the host (as saved in Uptime Infrastructure Monitor) for which this alert was generated.                                                              | Systems can have a hostname that is different from its display name. For example, a hostname of 10.1.1.6 or exch-corp12 could have a display name of Mail Server. |
| UPTIME_HOST_DESCRIPTION    | The Uptime Infrastructure Monitor description of the host.                                                                                                        |                                                                                                                                                                   |
| UPTIME_HOST_STATE          | The status of the service monitor's host.                                                                                                                         | <ul style="list-style-type: none"> <li>• OK</li> <li>• WARN</li> <li>• CRIT</li> <li>• MAINT</li> <li>• UNKNOWN</li> </ul>                                        |
| UPTIME_CONNECTIONTYPE      | For Windows hosts, the method used to collect metrics for the service.                                                                                            | <ul style="list-style-type: none"> <li>• agent</li> <li>• wmi</li> </ul>                                                                                          |

#### Date and Time

| Variable       | Definition                                                   | Values / Example                                                     |
|----------------|--------------------------------------------------------------|----------------------------------------------------------------------|
| UPTIME_12HOUR  | The hour the outage started, using the 12-hour clock system. | 11<br>12<br>1 ...                                                    |
| UPTIME_24HOUR  | The hour the outage started, using the 24-hour clock system. | 11<br>12<br>13 ...                                                   |
| UPTIME_MINUTE  | The minute of the hour the outage started.                   |                                                                      |
| UPTIME_AMPM    | The day period the outage started.                           | <ul style="list-style-type: none"> <li>• AM</li> <li>• PM</li> </ul> |
| UPTIME_DAY     | The day of the month the outage started                      | 1<br>2<br>3<br>4 ...                                                 |
| UPTIME_DAYNAME | The day of the week the outage started.                      | Tue, Wed, Thu, ...                                                   |
| UPTIME_MM      | The (numbered) month of the year the outage started.         | 1<br>2<br>3<br>4 ...                                                 |

|                                                            |                                                                                                                  |                                                                        |
|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| UPTIME_MON                                                 | The (abbreviated) month of the year the outage started.                                                          | Jan<br>Feb<br>Mar<br>Apr ...                                           |
| UPTIME_MONTH                                               | The month of the year the outage started.                                                                        | January<br>February<br>March<br>April ...                              |
| UPTIME_YEAR                                                | The year the outage started.                                                                                     | 2016                                                                   |
| UPTIME_DATE<br>TIME                                        | The date and time at which the alert was generated. By default, this appears in the subject line of the message. | Sun Feb 14 16:59:59 EDT 2016                                           |
| UPTIME_DURA<br>TION                                        | The duration of the outage so far.                                                                               | 30 minutes<br>3 hours, 30 minutes<br>2 days, 3 hours, 30 minutes       |
| Uptime Infrastructure Monitor Associations and Hierarchies |                                                                                                                  |                                                                        |
| Variable                                                   | Definition                                                                                                       |                                                                        |
| UPTIME_SERV<br>ICE_GROUP                                   | The service group the service monitor is a part of.                                                              |                                                                        |
| UPTIME_HOST<br>_GROUP                                      | The Element group that the service monitor's host is a member of.                                                |                                                                        |
| Custom Element Fields                                      |                                                                                                                  |                                                                        |
| Variable                                                   | Definition                                                                                                       |                                                                        |
| UPTIME_CUST<br>OM_1                                        | Custom fields that you are using to further describe your Elements.                                              |                                                                        |
| UPTIME_CUST<br>OM_2                                        |                                                                                                                  |                                                                        |
| UPTIME_CUST<br>OM_3                                        |                                                                                                                  |                                                                        |
| UPTIME_CUST<br>OM_4                                        |                                                                                                                  |                                                                        |
| Outage Reference Information                               |                                                                                                                  |                                                                        |
| Variable                                                   | Definition                                                                                                       |                                                                        |
| UPTIME_INCI<br>DENT_NUMBER                                 | A unique identifier for the outage.                                                                              | 000000000000000000000000139282498000023                                |
| UPTIME_URL_<br>OUTPUT                                      | A URL-encoded version of the SVCOUTPUT variable.                                                                 | A+MASTER%2FMEMBER+service+monitor+<br>for+this+application+is+in+CRIT. |
| UPTIME_URL_<br>ENCODE_SERV<br>ICE_NAME                     | a URL-encoded version of the SVCNAME variable.                                                                   | APPLICATION+-+Application+status+monitor                               |