Alert Profile and Action Profile Variables

- Custom Alert Message Variables
- Script Alert Variables
- Recovery Script Variables

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.	• Problem • Recovery
`$NOTIFICATION_NUMBER$`	The number of alerts the outage has sent.	
`$SERVICENAME$`	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.	
`$SERVICESTATE$`	The current status of the service monitor generating the alert. By default, this variable appears in the subject line of the message.	• OK • WARN • CRIT • MAINT • UNKNOWN
`$OUTPUT$`	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.	• OK • WARN • CRIT • MAINT • UNKNOWN
Date and Time		
Variable	Definition	Values / Example
`$12HOUR$`	The hour the outage started, using the 12-hour clock system.	11 12 1 ...
`$24HOUR$`	The hour the outage started, using the 24-hour clock system.	11 12 13 ...

$MINUTE$	The minute of the hour the outage started.	
$AMPM$	The day period the outage started.	• AM • PM
DAY	The day of the month the outage started	1 2 3 4 ...
$DAYNAME$	The day of the week the outage started.	Tue Wed Thu ...
MM	The (numbered) month of the year the outage started.	1 2 3 4 ...
MON	The (abbreviated) month of the year the outage started.	Jan Feb Mar Apr ...
$MONTH$	The month of the year the outage started.	January February March April ...
$YEAR$	The year the outage started.	2015
$DATE$	The date the outage started.	14/Feb/2015
$TIME$	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.	Sat Feb 14 16:59:59 EDT 2015
$DURATION$	The duration of the outage so far.	30 minutes 3 hours, 30 minutes 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.	00000000000000000001392824980000023
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.	• Problem • Recovery
UPTIME_NOTIFICATION_NUMBER	The number of alerts the outage has sent.	
UPTIME_SVCNAME	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.	• OK • WARN • CRIT • MAINT • UNKNOWN
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.	• OK • WARN • CRIT • MAINT • UNKNOWN
Date and Time		

Variable	Definition	Values / Example
UPTIME_12HOUR	The hour the outage started, using the 12-hour clock system.	11 12 1 ...
UPTIME_24HOUR	The hour the outage started, using the 24-hour clock system.	11 12 13 ...
UPTIME_MINUTE	The minute of the hour the outage started.	
UPTIME_AMPM	The day period the outage started.	• AM • PM
UPTIME_DAY	The day of the month the outage started	1 2 3 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 2 3 4 ...
UPTIME_MON	The (abbreviated) month of the year the outage started.	Jan Feb Mar Apr ...
UPTIME_MONTH	The month of the year the outage started.	January February March April ...
UPTIME_YEAR	The year the outage started.	2015
UPTIME_DATETIME	The date and time at which the alert was generated. By default, this appears in the subject line of the message.	Sat Feb 14 16:59:59 EDT 2015
UPTIME_DURATION	The duration of the outage so far.	30 minutes 3 hours, 30 minutes 2 days, 3 hours, 30 minutes

Uptime Infrastructure Monitor Associations and Hierarchies

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, ...

Custom Element Fields

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		
Outage Reference Information		
Variable	Definition	
UPTIME_INCIDENT_NUMBER	A unique identifier for the outage.	00000000000000000000139282498000023
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
Alert Recipient Information		
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.	
Alert Script Variables		
Variable	Definition	
UPTIME_SCRIPT	The name of the current script executed.	C:/Program Files/uptime software/uptime/scripts /my_custom_alerter.bat
UPTIME_SMTPHELOSTRING	The HELO string used in your SMTP server configuration.	
UPTIME_SMTPPASSWORD	The password used from authentication in your SMTP server configuration.	
UPTIME_SMTPPORT	The server port used in your SMTP server configuration.	
UPTIME_SMTPSENDER	The sender address string used in your SMTP server configuration.	
UPTIME_SMTPSERVER	The server hostname used in your SMTP server configuration.	
UPTIME_SMTPUSER	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.

Service Outage Information		
Variable	Definition	Values / Example
UPTIME_NOTIFICATIONTYPE	The type of notification.	• Problem • Recovery

`UPTIME_NOTIFICATION_NUMBER`	The number of alerts the outage has sent.	
`UPTIME_SERVICENAME`	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_SERVICESTATE`	The current status of the service monitor generating the alert. By default, this variable appears in the subject line of the message.	• OK • WARN • CRIT • MAINT • UNKNOWN
`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_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_HOST_DESCRIPTION`	The Uptime Infrastructure Monitor description of the host.	
`UPTIME_HOSTSTATE`	The status of the service monitor's host.	• OK • WARN • CRIT • MAINT • UNKNOWN
`UPTIME_CONNECTIONTYPE`	For Windows hosts, the method used to collect metrics for the service.	• agent • wmi

Date and Time

Variable	Definition	Values / Example
`UPTIME_12HOUR`	The hour the outage started, using the 12-hour clock system.	11 12 1 ...
`UPTIME_24HOUR`	The hour the outage started, using the 24-hour clock system.	11 12 13 ...
`UPTIME_MINUTE`	The minute of the hour the outage started.	
`UPTIME_AMPM`	The day period the outage started.	• AM • PM
`UPTIME_DAY`	The day of the month the outage started	1 2 3 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 2 3 4 ...

UPTIME_MON	The (abbreviated) month of the year the outage started.	Jan Feb Mar Apr ...
UPTIME_MONTH	The month of the year the outage started.	January February March April ...
UPTIME_YEAR	The year the outage started.	2015
UPTIME_DATETIME	The date and time at which the alert was generated. By default, this appears in the subject line of the message.	Sat Feb 14 16:59:59 EDT 2015
UPTIME_DURATION	The duration of the outage so far.	30 minutes 3 hours, 30 minutes 2 days, 3 hours, 30 minutes
Uptime Infrastructure Monitor Associations and Hierarchies		
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.	
Custom Element Fields		
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		
Outage Reference Information		
Variable	Definition	
UPTIME_INCIDENT_NUMBER	A unique identifier for the outage.	00000000000000000001392824980000023
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