Add Elements to up.time

This module consists of three separate tracks that each cover adding a different type of monitored resource to your up.time inventory: a VMware vCenter inventory, physical servers, and SNMP-based network devices. Typically, users take advantage of up.time's broad monitoring capabilities in order to get integrated analysis and reporting; however, if you are using up.time for a specific type of resource, you will only need to follow the relevant track.

The following is an overview of the tracks for each resource type:

Tracks and Modules	Description	Time required
Add a VMware vCenter Server		
Auto Discover your vCenter Server	Use Auto Discovery to import a VMware vCenter Server and its inventory of ESX servers and VMs.	1 slice
Validation Step 1: Explore the Monitored Inventory	Understand how up.time organizes an imported and synchronized VMware vCenter inventory.	1 slice
Validation Step 2: View the vCenter Server Inventory	Understand how up.time allows you to focus on the parts of the vCenter Server that you actually want to monitor.	1 slice
Validation Step 3: View Metrics for the vCenter Server and a VM	View metrics available on a summary page for a vCenter server, as well as a VM.	½ slice
Add a Physical Server		
Install an Agent on a Server	Install an agent script on a server for enhanced metric collection.	1 slice
Configure Global Agent Collection	Configure up.time to use a standard set of properties to add agent-based servers with Auto Discovery.	½ slice
Configure Global WMI Collection	Configure up.time with details about your WMI implementation, to add Windows-based servers with Auto Discovery.	½ slice
Add Agent and WMI Servers Using Auto Discovery	Use Auto Discovery to detect different server platforms.	1 slice
Review Your Current Inventory	Review your discovered inventory so far. Learn how to view performance and system information for an Element.	½ slice
Add a Network Device		
Configure Global SNMP Settings	Configure up.time to use standard SNMP settings to add network devices with Auto Discovery.	½ slice
Add a Network Device Using Auto Discovery	Use Auto Discovery to detect SNMP devices on the network.	1 slice
Review Your Current Inventory and View a Quick Snapshot for a Network Device	View metrics available on a summary page for a network device.	½ slice

Completing all the modules means you are working with a VMware vCenter inventory, an agent-based Linux server and WMI-based Windows server, and a network device. However, you will be able to skip what you do not wish to monitor.

> ⚠ The up.time license is based on the number of Elements. Adding Elements while following this guide will affect the number of free slots you have remaining; it's plausible that going through all three tracks will exceed your license. Whether this happens is dependent on your environment and license. During this part of the guide, before each track, we will revisit the possible status of your license and take steps to manage it.