

Monitoring



Launch Wizard

Name	Status	Actions
dc-3558-422.cloud.cs.uwaterloo.ca	OK	
<ul style="list-style-type: none"> ▼ Ceph Cluster <div style="float: right;"></div> 		
Ceph Health	OK	
Ceph Filesystem Status	OK	
Ceph HDD DF	OK	
Ceph Disk Filesystem	OK	
Ceph Metadata DF	OK	
Ceph MDS Stats	OK	
<ul style="list-style-type: none"> > Linux Baremetal 		

This is the default UI for the monitoring inventory card when Icinga is up and responding AND the inventory record currently has services being monitored.

The table shows information that is dynamically pulled from Icinga showing what services are currently being monitored on the host and what their current statuses are.

The table is first separated by hosts which are then separated by "Service Sets".

Service Sets can be expanded to show the individual services being monitored.

Actions:

The host can be deleted (will delete the host AND all service sets for that host from Icinga) using the delete icon.

Downtime can be scheduled for the host using the clock icon (will display a modal with a datepicker and comment field)

The link icon will open a new web browser tab pointed towards the appropriate Icinga page for either the host or individual service that was clicked.

Monitoring



Inventory could not contact Icinga

The following information is a cached version for documentational purposes from when Inventory was last able to contact Icinga.

Name	Status	Actions
dc-3558-422.cloud.cs.uwaterloo.ca		
<ul style="list-style-type: none"> ▼ Ceph Cluster <ul style="list-style-type: none"> Ceph Health Ceph Filesystem Status Ceph HDD DF Ceph Disk Filesystem Ceph Metadata DF Ceph MDS Stats > Linux Baremetal <ul style="list-style-type: none"> 		<ul style="list-style-type: none">

If Icinga does not respond within a set time when the user opens the Monitoring card; Inventory will display the same table but with cached information from when Inventory could last contact Icinga.

All write capability is removed from the card; only the link option remains.

A warning appears at the top of the card telling the user about the issue (warning text subject to change).

Host > Type > Service Sets > Additional Data > Confirm

Add a host to monitoring

Select a hostname to use for monitoring.

Hostname

Select a hostname

dc-3558-422.cloud.cs.uwaterloo.ca
dc-3558-422.ipmi.cscf.uwaterloo.ca
dc-3558-422.hs100.cscf.uwaterloo.ca

Cancel

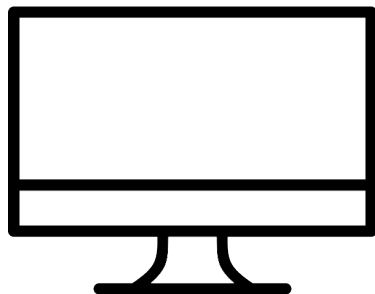
Next

Host > **Type** > Service Sets > Additional Data > Confirm

Add a host to monitoring

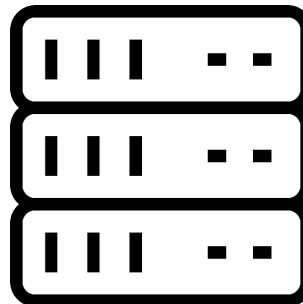
How should this host be monitored?

Agent-based hosts have the Icinga daemon installed and will run check scripts locally on the monitored host.



Agent

Remote hosts are remotely scraped by the Icinga master server. Use this option for appliances or unmanaged hosts.



Remote

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Next

Host > Type > **Service Sets** > Additional Data > Confirm

Add a host to monitoring

Add additional service sets to the host.

Service Set

HAProxy
MySQL Cluster
Postgresql

Add

Description: Monitoring checks associated with a Ceph cluster.

Selected Service Sets:

Linux Baremetal 

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Host > Type > Service Sets > **Additional Data** > Confirm

Add a host to monitoring

Provide any extra information required.

Variables:

One or more of the service sets that you have selected have host-specific variables that can be provided. Variables with a **required** tag are required for operation.

HTTP Webserver

HTTP Expected Regex Insensitive

HTTP URL

required

Contacts:

Contacts are email addresses that are notified whenever a problem is detected on the host.

Selected Contacts:

dmerner@uwaterloo.ca

ldpaniak@uwaterloo.ca

Host > Type > Service Sets > Additional Data > **Confirm**

Add a host to monitoring

Verify the following information.

Host:

Hostname: dc-3558-422.cloud.cs.uwaterloo.ca

Type: Agent

Information provided by Inventory:

IP Address: 10.15.152.122

Room: DC3558

Parents: cs-rt-dc-3558.ns.uwaterloo.ca

Service Sets:

Linux Baremetal

Ceph Cluster

HTTP Webserver

HTTP Expected Regex Insensitive: Hello World

HTTP URL: /~cscf-tes

Contacts:

dmerner@uwaterloo.ca

ldpaniak@uwaterloo.ca

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Submit