

## AMQP Object Change Notifications

 For supported software information, click [here](#).

When you enable object notification in Director and when a user modifies a device or template configuration object in the configuration database, Versa Director publishes object change AMQP notifications.

An object change notification is called by a routing key, and it has the following format:

```
[Severity].[Event-Type].[Event-Entity].[Organization].[User]
```

The following table explains the components of the routing key.

Field	Description
Severity	How severe the notification is. The severity is always info.
Event Type	Always versa_director:object_change_event
Event Entity	Path of the object, for example, ./vnmssha:vnmssha/ha-config/nodes/node{10-192-27-24}
Organization	Organization identifier. If there is no organization, the default is System
User	Name of the user. For system-level actions, the default is System

## Create Syslog Configuration

### Routing Key

```
info.versa_director:object_change_event./nms-system:system/syslog-servers/server{10-192-90-91}.System.  
System
```

### AMQP Notification

```
{  
  "message_id": 706,  
  "severity": "info",  
  "event_type": "versa_director:object_change_event",  
  "event_entity": "/nms-system:system/syslog-servers/server{10.192.90.91}",  
}
```

```
"operation": "CREATED",
"object_key": "keyPath= /nms-system:system/syslog-servers/server{10.192.90.91}, operation=CREATED, old_value=, new_value=",
"user": "System",
"organization": "System",
"event_time": "2019-04-05T09:11:30.201000+00:00",
"director_hostname": "versa",
"director_mgmt_ip": "10.192.60.101"
}
```

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## Delete AMQP Connector

### Routing Key

```
info.versa_director:object_change_event./versanms:nms/provider/amqpconnectors/amqpconnector{amqp}.System.System
```

### AMQP Notification

```
{
  "message_id": 6,
  "severity": "info",
  "event_type": "versa_director:object_change_event",
  "event_entity": "/versanms:nms/provider/amqpconnectors/amqpconnector{amqp}",
  "operation": "DELETED",
  "object_key": "keyPath= /versanms:nms/provider/amqpconnectors/amqpconnector{amqp}, operation=DELETED, old_value=, new_value=",
  "user": "System",
  "organization": "System",
  "event_time": "2015-03-09T13:01:47.595000+00:00"
}
```

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## Modify Syslog Configuration

### Routing Key

```
info.versa_director:object_change_event./nms-system:system/syslog-servers/server{10-192-90-91}.System.System
```

### AMQP Notification

```
{
  "message_id": 707,
  "severity": "info",
  "event_type": "versa_director:object_change_event",
  "event_entity": "/nms-system:system/syslog-servers/server{10.192.90.91}",
  "operation": "MODIFIED",
  "object_key": "keyPath= /nms-system:system/syslog-servers/server{10.192.90.91}, operation=MODIFIED, old_value=, new_value=",
  "user": "System",
}
```

```
"organization": "System",  
"event_time": "2019-04-05T09:14:35.589000+00:00",  
"director_hostname": "versa",  
"director_mgmt_ip": "10.192.60.101"  
}
```

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## Supported Software Information

Releases 20.2 and later support all content described in this article.

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## Additional Information

[Configure AMQP Notifications](#)

[Event Notifications](#)