



# Configuring ASA Context

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## About ASA Context

You can partition a single ASA into multiple virtual devices, known as security contexts. Each context acts as an independent device, with its own security policy, interfaces, and administrators. Multiple contexts are similar to having multiple standalone devices.

In Cisco UCS Director, ASA context configuration is supported on the following Cisco network device:

- Cisco ASA 5500 Series firewall

## Creating an ASA Context

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- Step 1** Choose **Physical > Network**.
- Step 2** On the **Network** page, choose the pod.
- Step 3** Expand the pod and choose the network device to be configured.
- Step 4** Choose the **ASA Contexts** tab.
- Step 5** Click **Create ASA Context**.
- Step 6** In the **Create ASA Context** screen, complete the required fields, including the following:

Name	Description
Select Context Name field	The name of the security context. This is a mandatory field
Context Description field	The description of the security context. This is a mandatory field

Name	Description
<b>File Name</b> field	The name of the security context configuration.
<b>Outside Interface</b> drop-down list	Expand the list to check the checkbox of the outside interface name for the security context.
<b>Inside Interfaces</b> drop-down list	Expand the list to check the checkbox of the inside interfaces for the security context.
<b>Management Interface</b> drop-down list	Expand the list to check the checkbox of the management interfaces for the security context.
<b>Mode</b> drop-down list	Choose one of the following as the firewall mode for context: <ul style="list-style-type: none"> <li>• Routed</li> <li>• Transparent</li> </ul>
<b>Copy Running configuration to Startup configuration</b> check box	Check the check box to copy the running configuration to the startup configuration.

**Step 7** Click **Submit**.

#### What to do next

After you create an ASA context, you can allocate and unallocate interface types to an ASA context, or you can delete the ASA context. For information on allocating interface types, see [Allocating Interface Types to an ASA Context, on page 2](#). To remove an interface type, see [Unallocating Interface Types from an ASA Context, on page 3](#). To delete an ASA context, select the ASA context and choose **Delete**.

## Allocating Interface Types to an ASA Context

- Step 1** Choose **Physical > Network**.
- Step 2** On the **Network** page, choose the pod.
- Step 3** Expand the pod and choose the network device to be configured.
- Step 4** Click **ASA Contexts**.
- Step 5** Choose an ASA context.
- Step 6** Choose **Allocate Interface**.
- Step 7** In the **Allocate Interface** screen, complete the following:

Name	Description
Select Interface type drop-down list	Choose the interface type you want to allocate to the ASA context. It can be one of the following: <ul style="list-style-type: none"> <li>• inside</li> <li>• outside</li> <li>• mgmt</li> </ul>
Select Interface field	Click <b>Select</b> to check the check box of an interface.
Copy Running configuration to Startup configuration check box	Check this check box to copy the running configuration to the startup configuration.

**Step 8** Click **Submit**.

#### What to do next

At a later point, you can unallocate an interface type from the ASA context.

## Unallocating Interface Types from an ASA Context

**Step 1** Choose **Physical > Network**.

**Step 2** On the **Network** page, choose the pod.

**Step 3** Expand the pod and choose the network device to be configured.

**Step 4** Click **ASA Contexts**.

**Step 5** Choose an ASA context.

**Step 6** Click **View Details**.

**Step 7** In the **Context Interfaces** page, select an interface type.

**Step 8** Choose **Unallocate Interface**.

**Step 9** In the **Unallocate Interface** screen, review the information that is displayed.

The only editable field on this screen is the **Copy Running configuration to Startup configuration** check box.

**Step 10** Click **Submit**.

