

Httpapi plugins

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Httpapi plugins tell Ansible how to interact with a remote device's HTTP-based API and execute tasks on the device.

Each plugin represents a particular dialect of API. Some are platform-specific (Arista eAPI, Cisco NXAPI), while others might be usable on a variety of platforms (RESTCONF). Ansible loads the appropriate httpapi plugin automatically based on the `ansible_network_os` variable.

Adding httpapi plugins

You can extend Ansible to support other APIs by dropping a custom plugin into the `httpapi_plugins` directory. See [ref:developing_plugins_httpapi](#) for details.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\ansible-devel\docs\docsite\rst\plugins\[ansible-devel] [docs] [docsite] [rst] [plugins]httpapi.rst, line 21); [backlink](#)

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Using httpapi plugins

The httpapi plugin to use is determined automatically from the `ansible_network_os` variable.

Most httpapi plugins can operate without configuration. Additional options may be defined by each plugin.

Plugins are self-documenting. Each plugin should document its configuration options.

The following sample playbook shows the httpapi plugin for an Arista network device, assuming an inventory variable set as `ansible_network_os=eos` for the httpapi plugin to trigger off:

```
- hosts: leaf01
  connection: httpapi
  gather_facts: false
  tasks:

    - name: type a simple arista command
      eos_command:
        commands:
          - show version | json
      register: command_output

    - name: print command output to terminal window
      debug:
        var: command_output.stdout[0]["version"]
```

See the full working example [on GitHub](#).

Viewing httpapi plugins

These plugins have migrated to collections on [Ansible Galaxy](#). If you installed Ansible version 2.10 or later using `pip`, you have access to several httpapi plugins. To list all available httpapi plugins on your control node, type `ansible-doc -t httpapi -l`. To view plugin-specific documentation and examples, use `ansible-doc -t httpapi`.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\ansible-devel\docs\docsite\rst\plugins\[ansible-devel] [docs] [docsite] [rst] [plugins]httpapi.rst, line 63)

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```
.. seealso::

   :ref:`Ansible for Network Automation<network_guide>`
      An overview of using Ansible to automate networking devices.
   :ref:`Developing network modules<developing_modules_network>`
      How to develop network modules.
   `User Mailing List <https://groups.google.com/group/ansible-devel>`_
      Have a question? Stop by the google group!
```

`irc.libera.chat <<https://libera.chat/>>`_
#ansible-network IRC chat channel