

VMware `{code}` Experience Training:

Getting started with the vSphere Automation SDK for Python



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Agenda

- Brief Introduction to vSphere REST API
- About vSphere Automation SDKs
- Getting Started Using the Python SDK
 - Setup your Python Environment
 - Install the vSphere Automation SDK for Python
- Labs

Brief Introduction to vSphere REST API

- Developer and automation friendly API's and interfaces
- Reduces API development complexity and time
- Simplified API model
- API Explorer
 - Available at <https://<vchostname>/apiexplorer>

About vSphere Automation SDKs

- Open Source and available on Github
 - SDKs Include:
 - Runtime
 - Serialization
 - Language Binding
 - Language specific wrapper around REST API
 - API Reference Documentation (for offline usage, also available on code.vmware.com)
- Supported Languages
 - [Python](#), Java, Ruby, Perl, .NET, REST (JavaScript/Postman)
 - <https://github.com/vmware/vsphere-automation-sdk-python>

Getting Started Using the Python SDK

- Install Python (v3+) & setup VirtualEnv
- Download vSphere Automation SDK for Python
 - or optionally download via link on Github repository
- Install Python SDK dependencies
- Labs
 - <https://vmware.github.io/vsphere-automation-sdk-python>



Thank you!