

Configure the EC2 plugin

Video 6.4

What you will learn in this video

Theory:

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- EC2 plugin

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- EC2 plugin
- IAM user and policy

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Practice:

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Practice:

- Create a IAM policy and user with credentials AWS

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- Create a IAM policy and user with credentials AWS
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- EC2 plugin
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Practice:

- Create a IAM policy and user with credentials AWS
- Add AWS credentials to Jenkins
- Whitelist an IP address in the security group

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Theory:

- EC2 plugin
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Practice:

- Create a IAM policy and user with credentials AWS
- Add AWS credentials to Jenkins
- Whitelist an IP address in the security group
- Install and configure the EC2 plugin

Amazon EC2 Plugin

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- It allows to **automatically decommission EC2 instances** as they get unused
- It allows to **configure the type of slave nodes**, the AWS **region** where to start them, the **idle time** after which they can be decommissioned, etc.

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- IAM policies are **stored as JSON files**
- We are going to create a **IAM policy and a IAM user to grant access to AWS from Jenkins**

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- We are going to create an **AMI to provide a base image for the slave node**

Prerequisites

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- Open the IAM Policy at https://github.com/cirulls/hands-on-jenkins/blob/master/section_6/code/policy-jenkins-slave-node.json

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- Open the SSH private key created in video 6.2
- Open the csv file with AWS credentials (we will create it in this video)

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- Configure the EC2 plugin

Next Video

Video 6.5 Run Jobs on a Slave Node

