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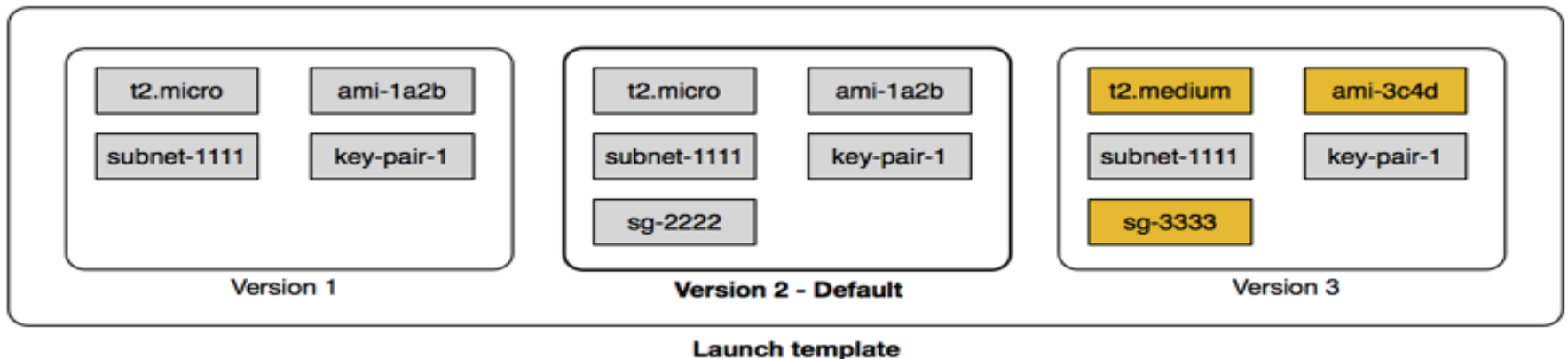
Amazon Web Services

Launch Template

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Launch Template

- We can create a launch template that contains the configuration information to launch an instance. We can use launch templates to store launch parameters so that we do not have to specify them every time we launch an instance. For example, a launch template can contain the AMI ID, instance type, and network settings that we typically use to launch instances. When we launch an instance using the Amazon EC2 console we can specify the launch template to use.



Launch Template - Rules

- You are limited to creating 5,000 launch templates per Region and 10,000 versions per launch template.
- Launch template parameters are optional. However, you must ensure that your request to launch an instance includes all required parameters. For example, if your launch template does not include an AMI ID, you must specify both the launch template and an AMI ID when you launch an instance.
- Launch template parameters are not fully validated when you create the launch template. If you specify incorrect values for parameters, or if you do not use supported parameter combinations, no instances can launch using this launch template. Ensure that you specify the correct values for the parameters and that you use supported parameter combinations. For example, to launch an instance in a placement group, you must specify a supported instance type.
- You can tag a launch template, but you cannot tag a launch template version.
- Launch templates are immutable. To modify a launch template, you must create a new version of the launch template.
- Launch template versions are numbered in the order in which they are created. When you create a launch template version, you cannot specify the version number yourself.

Launch Template

- Create EC2 Launch Template

Instances



Launch Templates

- Click on Create Launch template
- Enter the Name & Description
- Select the AMI: ami-08e0ca9924195beba
- Select the Instance Type

Launch Template

- Select Key Pair
- Select Security Group
- If we want to add bootstrap script Go to Advanced details.
- Click on Create Launch Template
- Now launch in the new Instance from template

Launch Template

- Select the Source template
- System has automatically Select the AMI, Instance type
- key Pair & Security Group
- Click on Launch instance from template



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