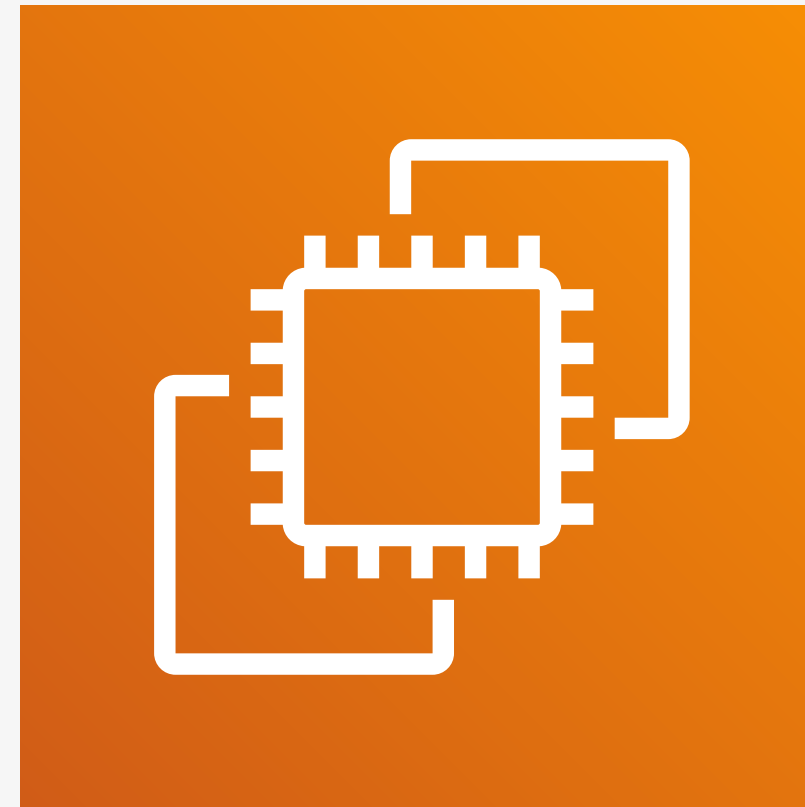
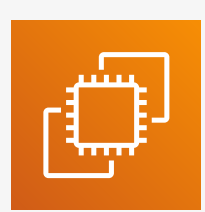


Elastic Compute Cloud

(EC2) Basics





EC2 Key Facts & Features

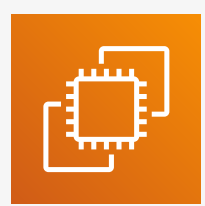


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- **IAAS** - Provides Virtual Machines => **Instances**
- **Private** service by-default - uses **VPC** networking
- **AZ** Resilient - Instance fails if AZ fails
- Different instance **sizes** and **capabilities**
- On-Demand Billing - **Per second**
- Local on-host storage or Elastic Block Store (**EBS**)



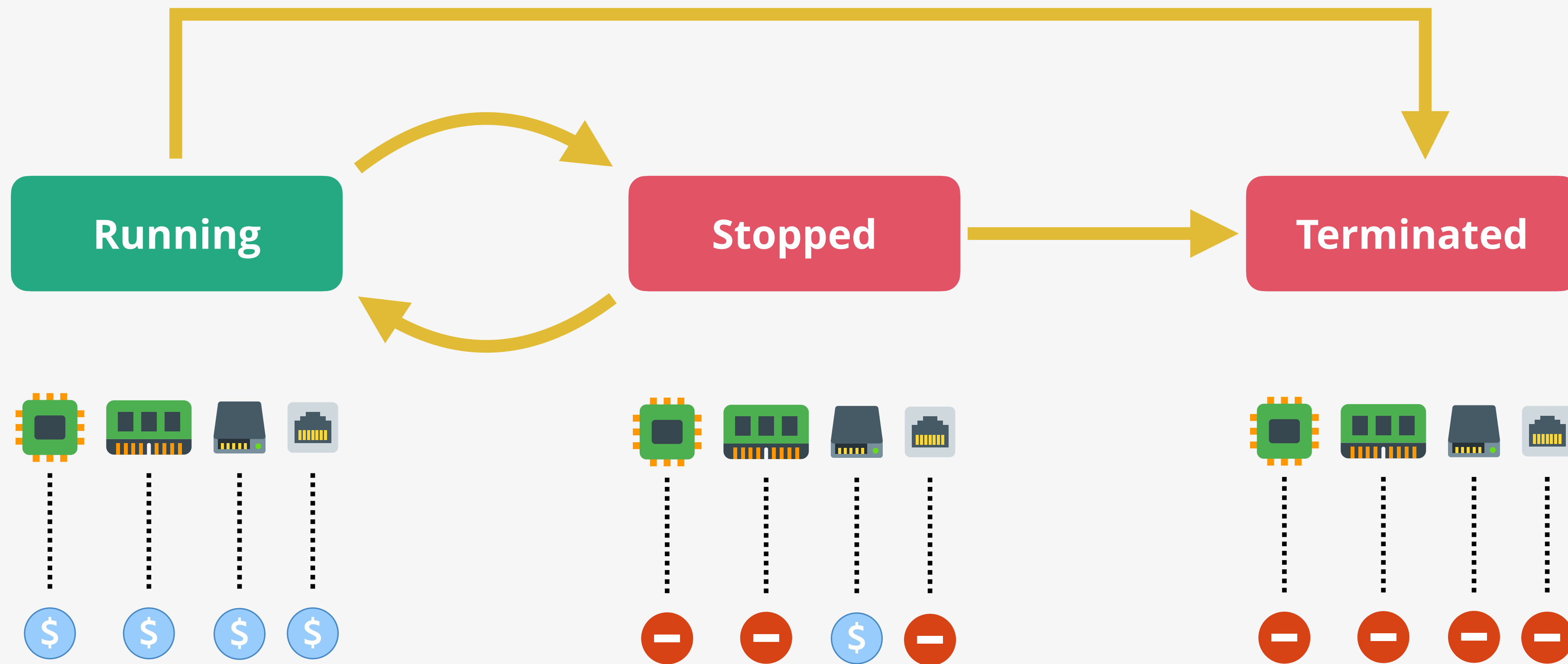
Instance Lifecycle

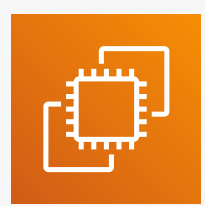


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Amazon Machine Image (AMI)

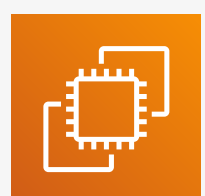


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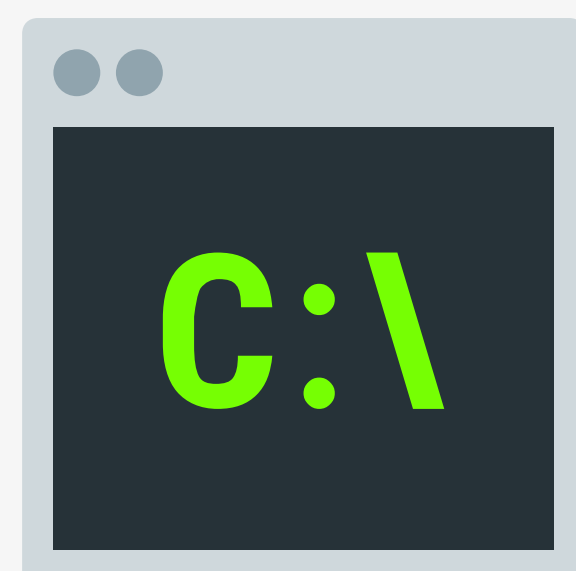
Connecting to EC2



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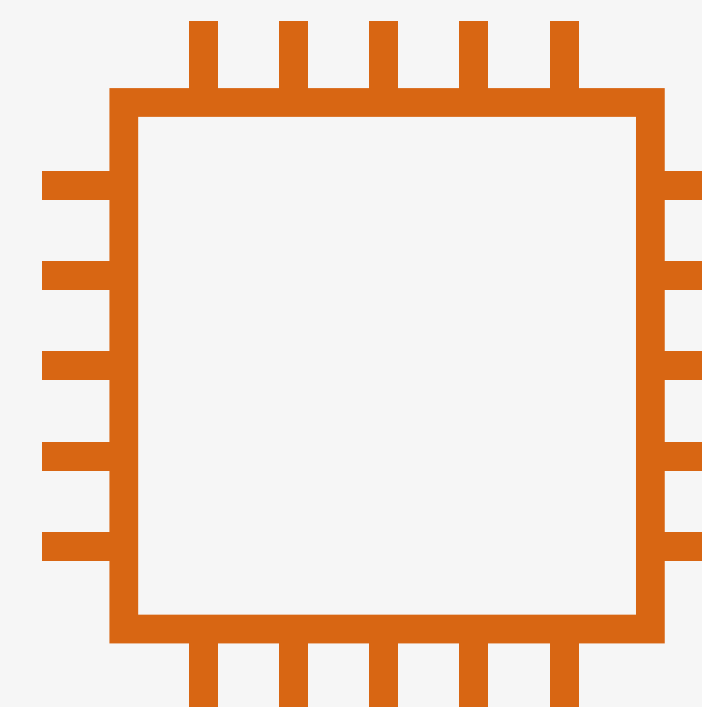
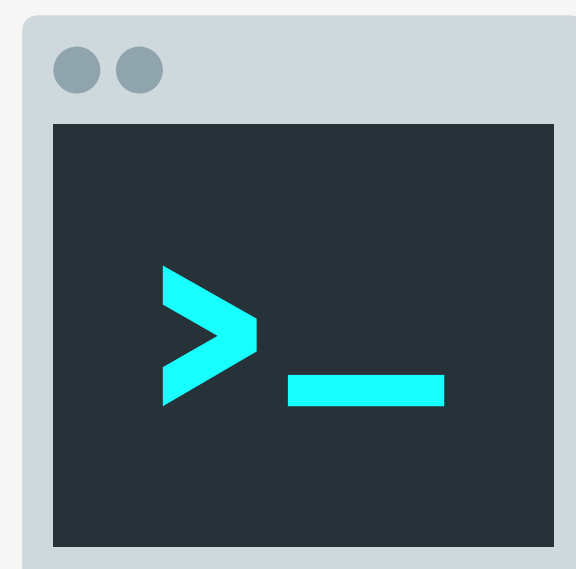
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Private Key



SSH



Public Key

