

Instance Enumeration, Data Component DC0075

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The process of retrieving or querying a list of virtual machine instances or compute instances within a cloud infrastructure. This activity provides a view of all available or running instances, typically including their associated metadata such as instance ID, name, state, and configuration details. Examples:

- AWS: instance enumeration involves the `DescribeInstances` API call, which retrieves information about running or stopped EC2 instances.
- Azure: VM enumeration can be monitored via the `Microsoft.Compute/virtualMachines/read` operation.
- GCP: instance enumeration is logged as an `instance.list` operation within GCP Audit Logs.

Data Collection Measures:

- AWS CloudTrail: CloudTrail logs stored in S3 or forwarded to CloudWatch.
- Azure Activity Logs: Accessible via Azure Monitor or exported to a storage account.
- GCP Audit Logs: Logs Explorer or BigQuery.

Source: <https://attack.mitre.org/datacomponents/DC0075>