To fetch metadata about Azure instances we use IMDS REST API Method. It provides metadata about currently running VM.

IMDS is a REST API that's available at a well-known, non-routable IP address **169.254.169.254.**

You can only access it from within the VM.

Communication between the VM and IMDS never leaves the host.

Have your HTTP clients bypass web proxies within the VM when querying IMDS

**For Linux VM**

1. **curl -H Metadata:true --noproxy "\*" "http://169.254.169.254/metadata/instance?api-version=2021-02-01" | jq**

**For Windows VM**

1. **Invoke-RestMethod -Headers @{"Metadata"="true"} -Method GET -NoProxy -Uri "http://169.254.169.254/metadata/instance?api-version=2021-02-01" | ConvertTo-Json -Depth 64**