# Lab 2

# Data Ingestion using Beats and MITRE ATT&CK<sup>TM</sup>



#### Setup Strigo

Your Training Environment

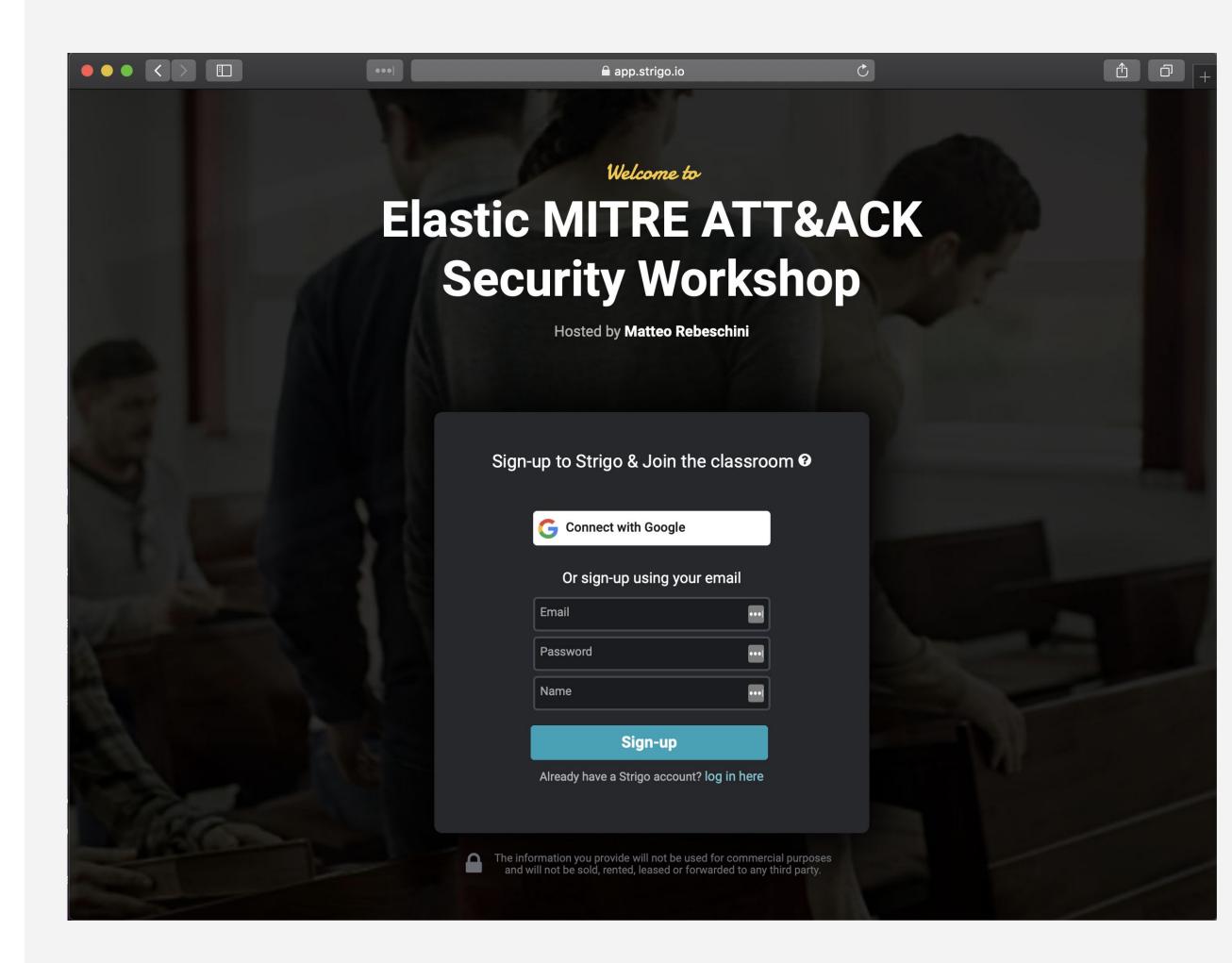
Class URL:

https://bit.ly/BSidesLV2019

Access Token:

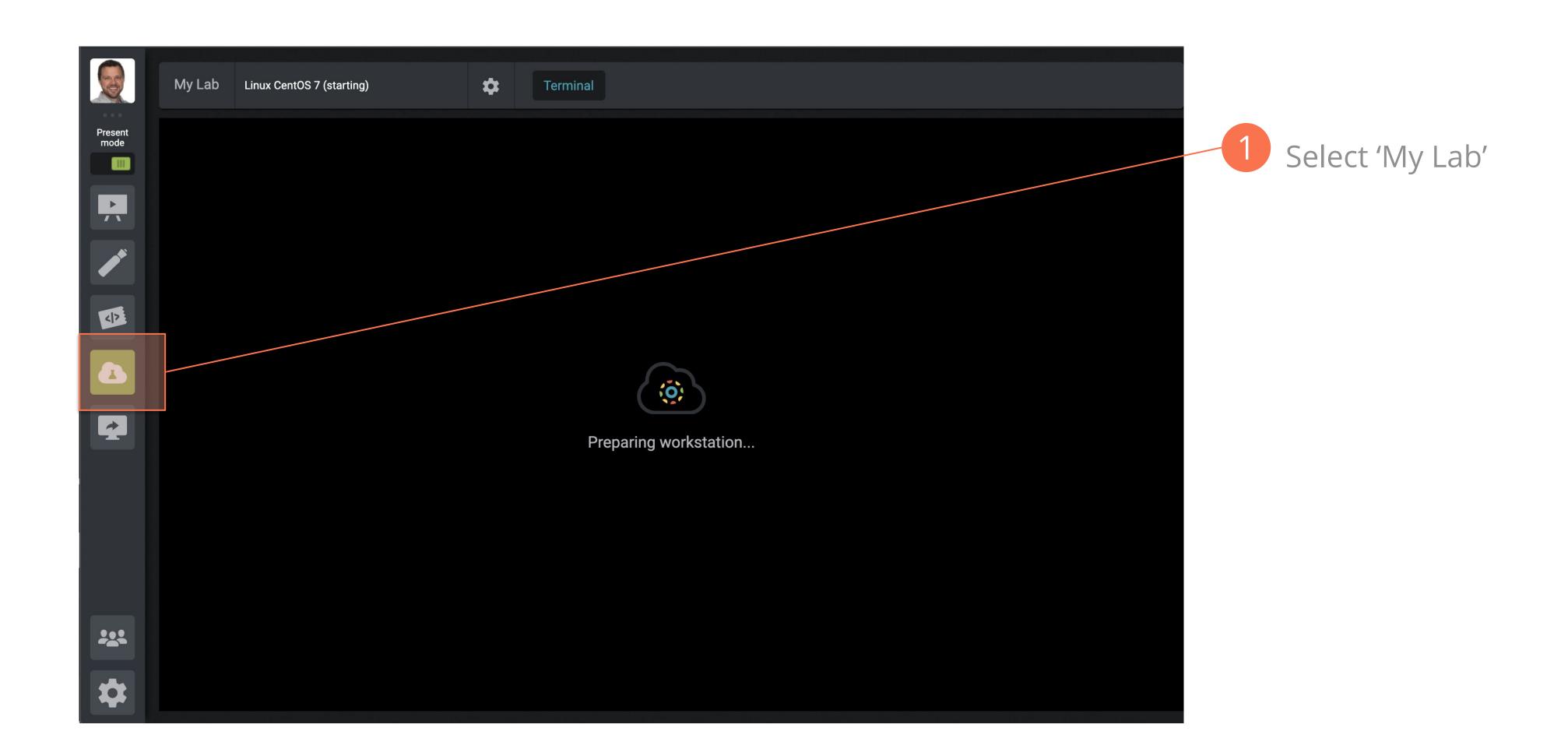
YK7M

Lab environment will stay active until 8/10 @ 5:00PM



## Linux Beats Scripted Install

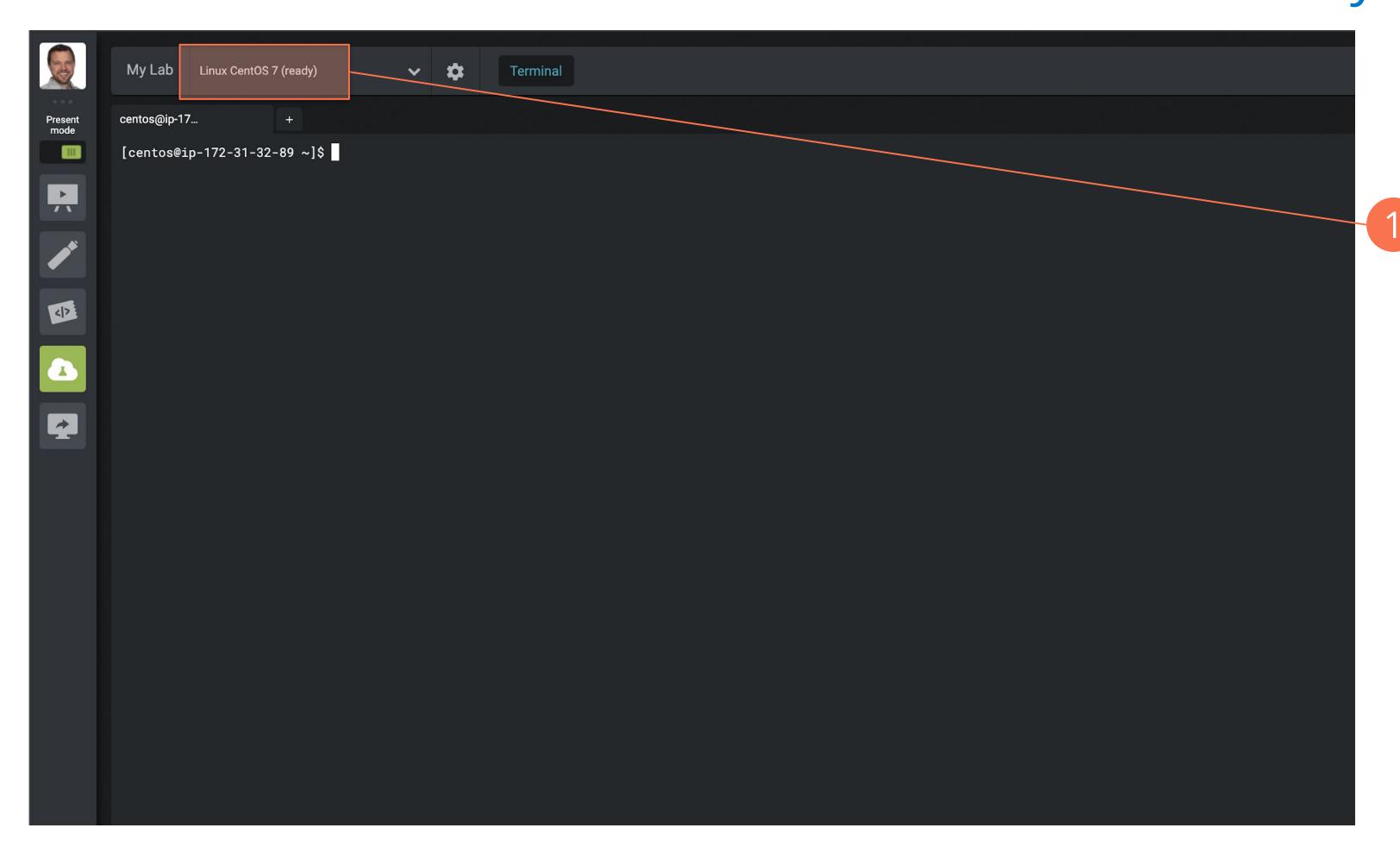
Access "My Lab" (it will take a few minutes)





### Linux Beats Scripted Install

You will see a CentOS Terminal when Lab Instance is Ready

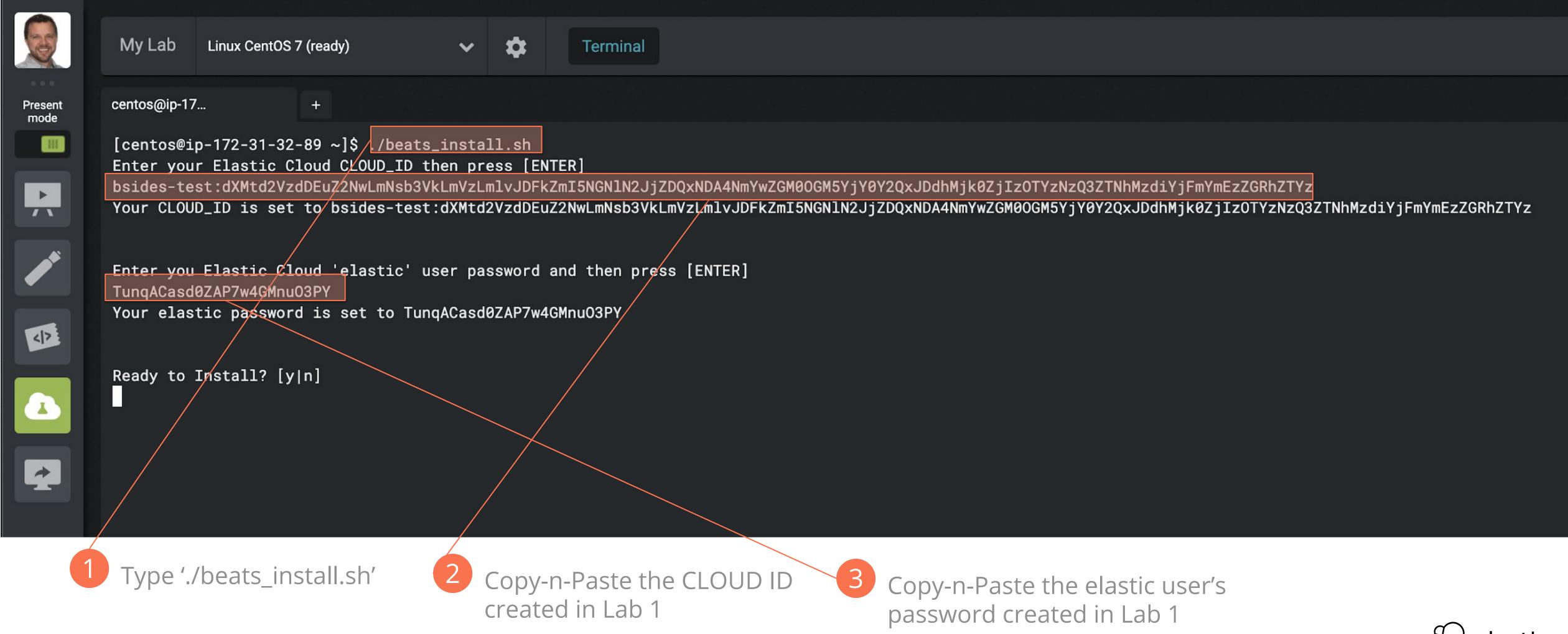


After a few minutes, a CentOS Linux instance should be available under 'My Lab'



#### Linux Beats Scripted Install

Installation of MetricBeat, Filebeat, AuditBeat and PacketBeat



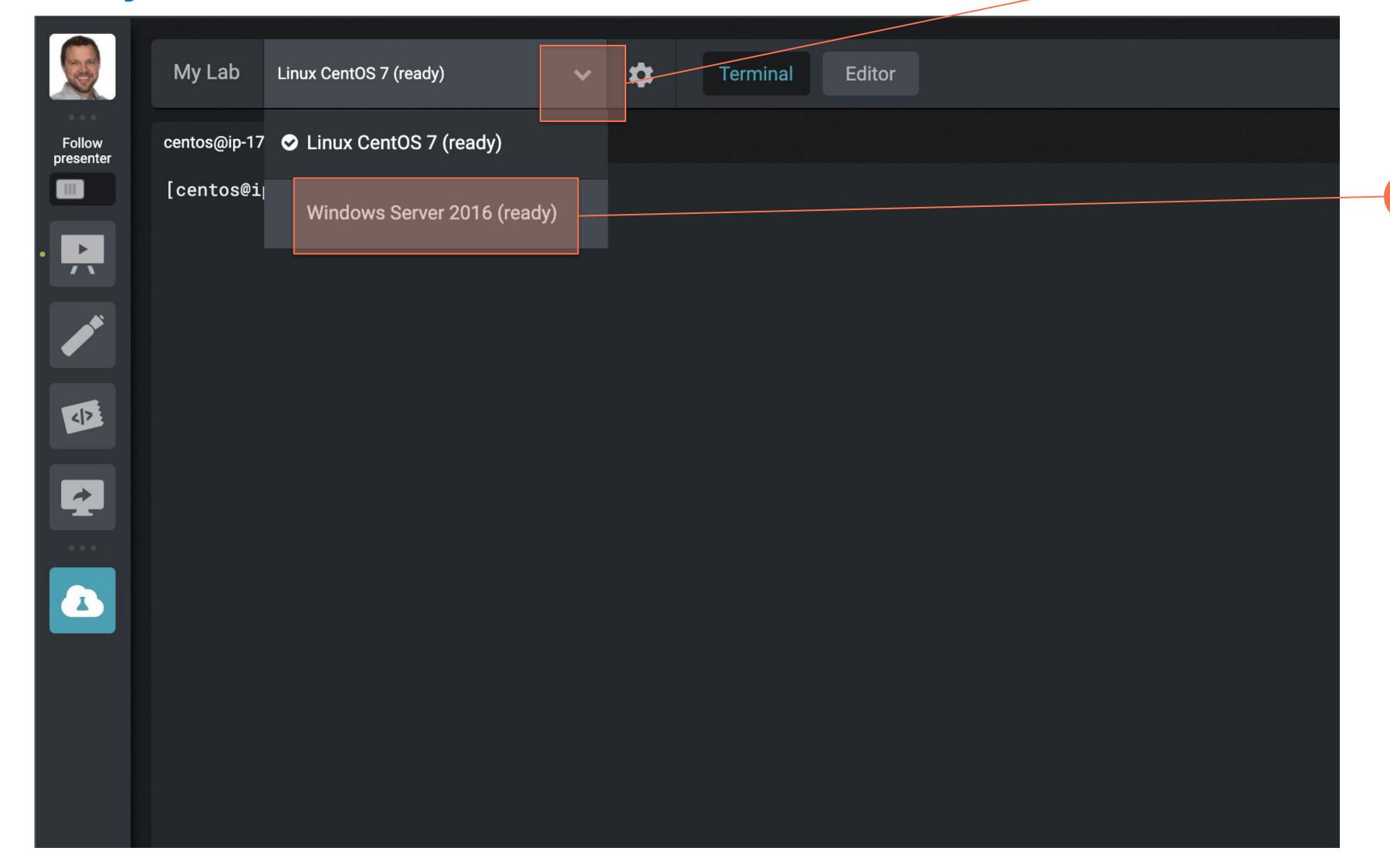
#### Windows Beats Scripted Install

Access your Windows Server 2016 Instance

Select the arrow next to 'My Lab'

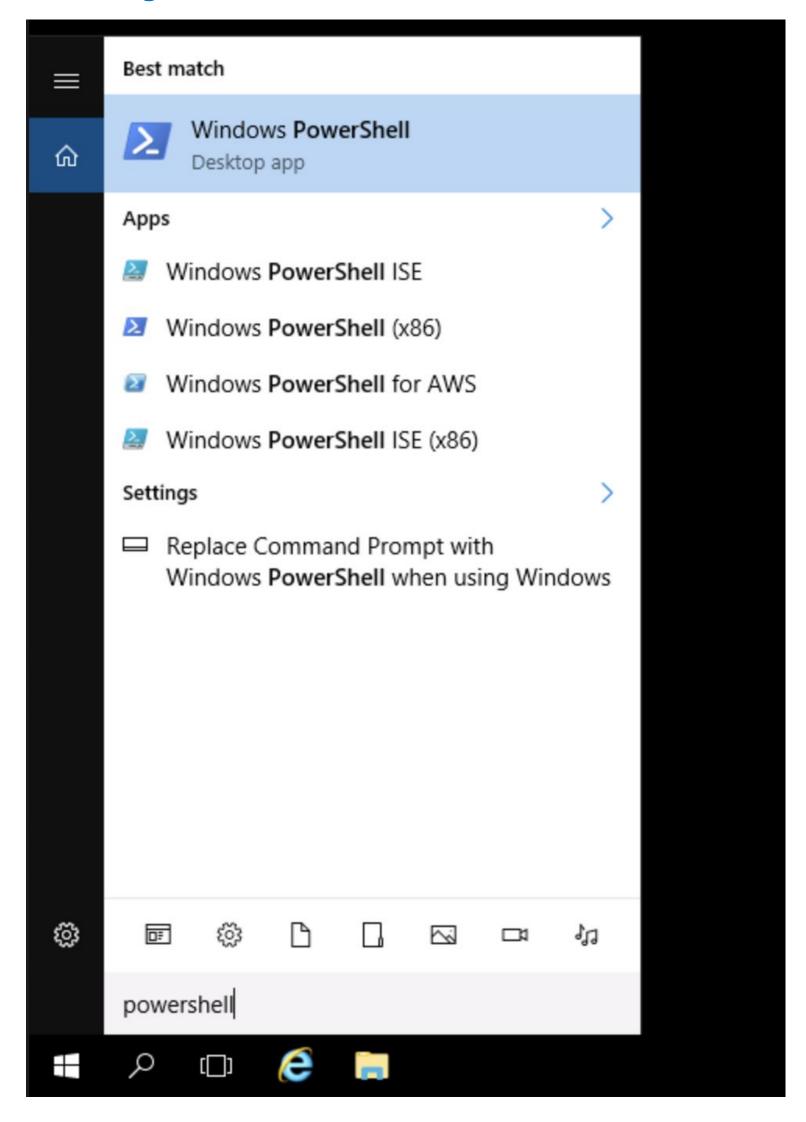
2016'

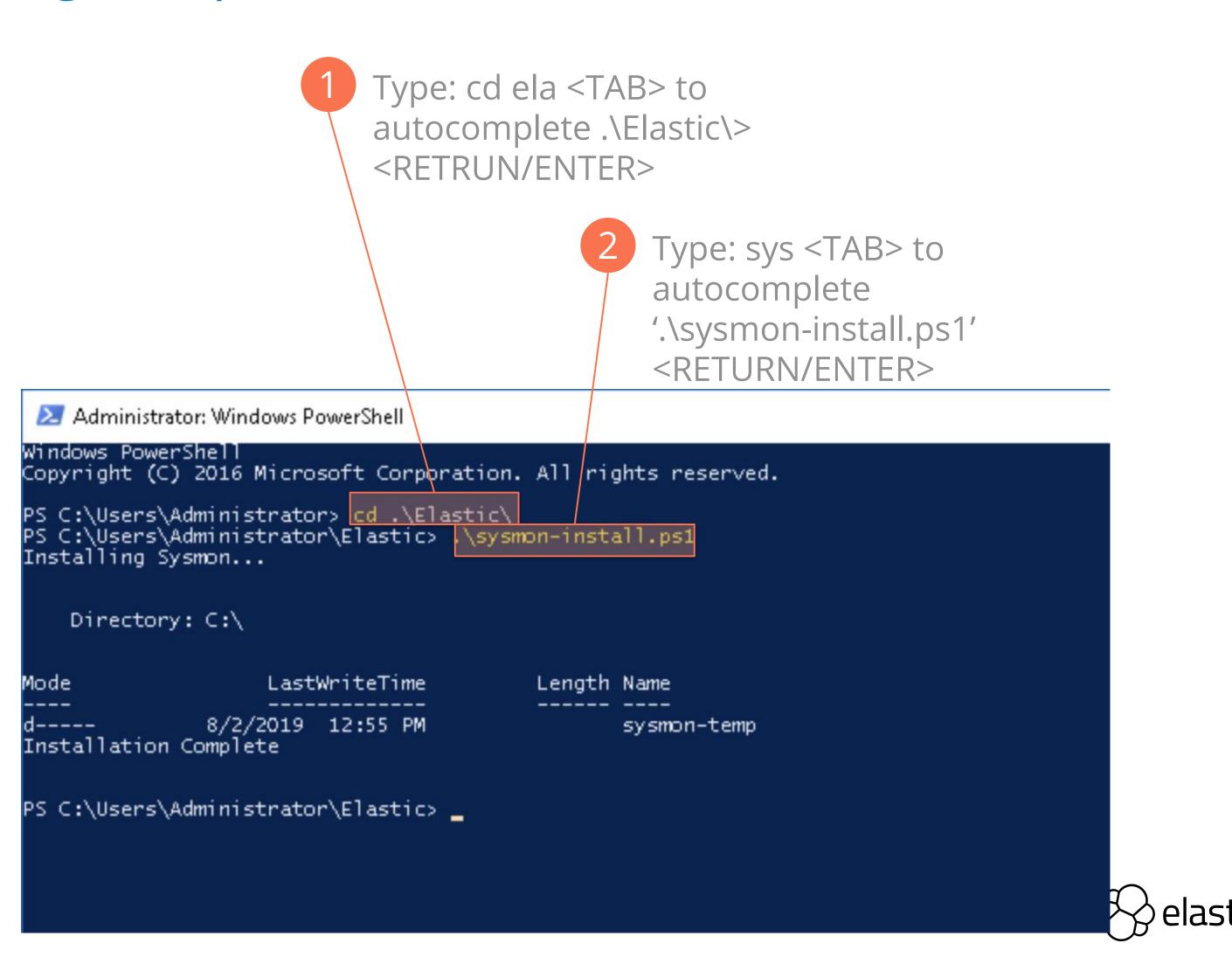
Select 'Windows Server



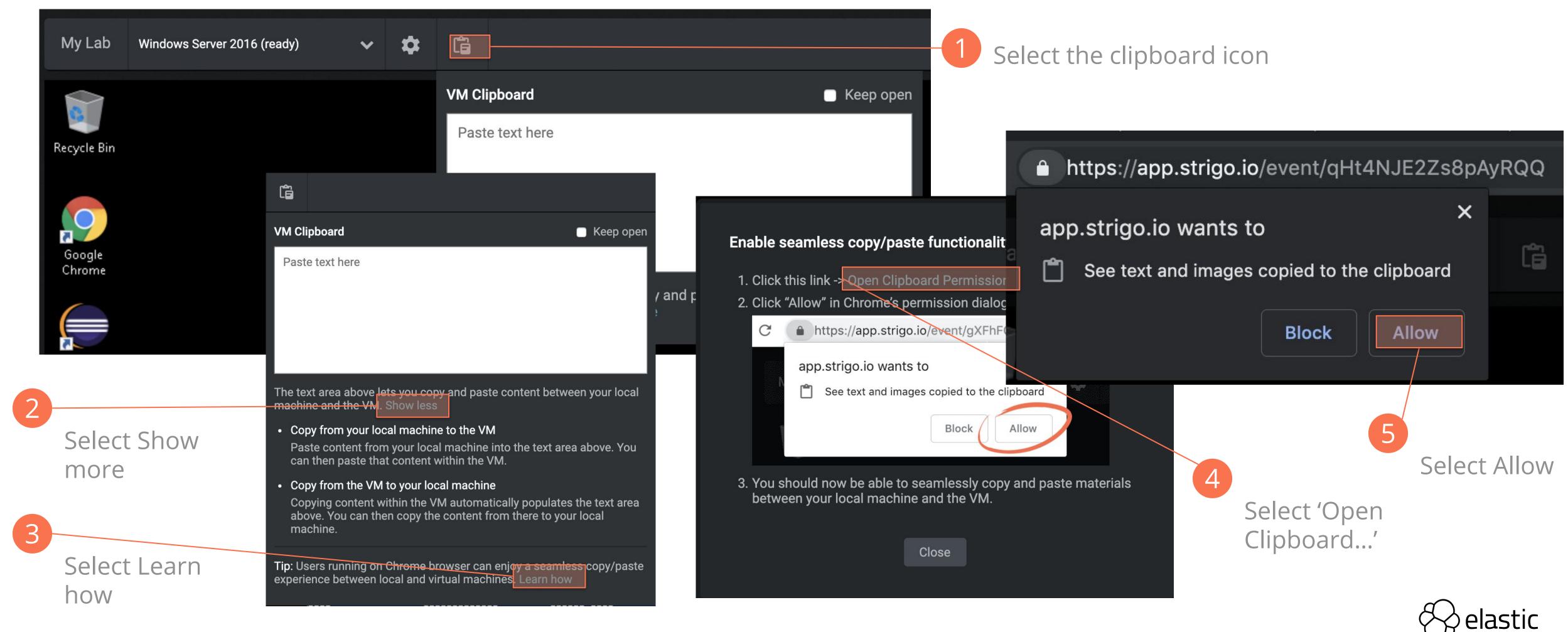


#### Install Sysmon with Custom Config Template

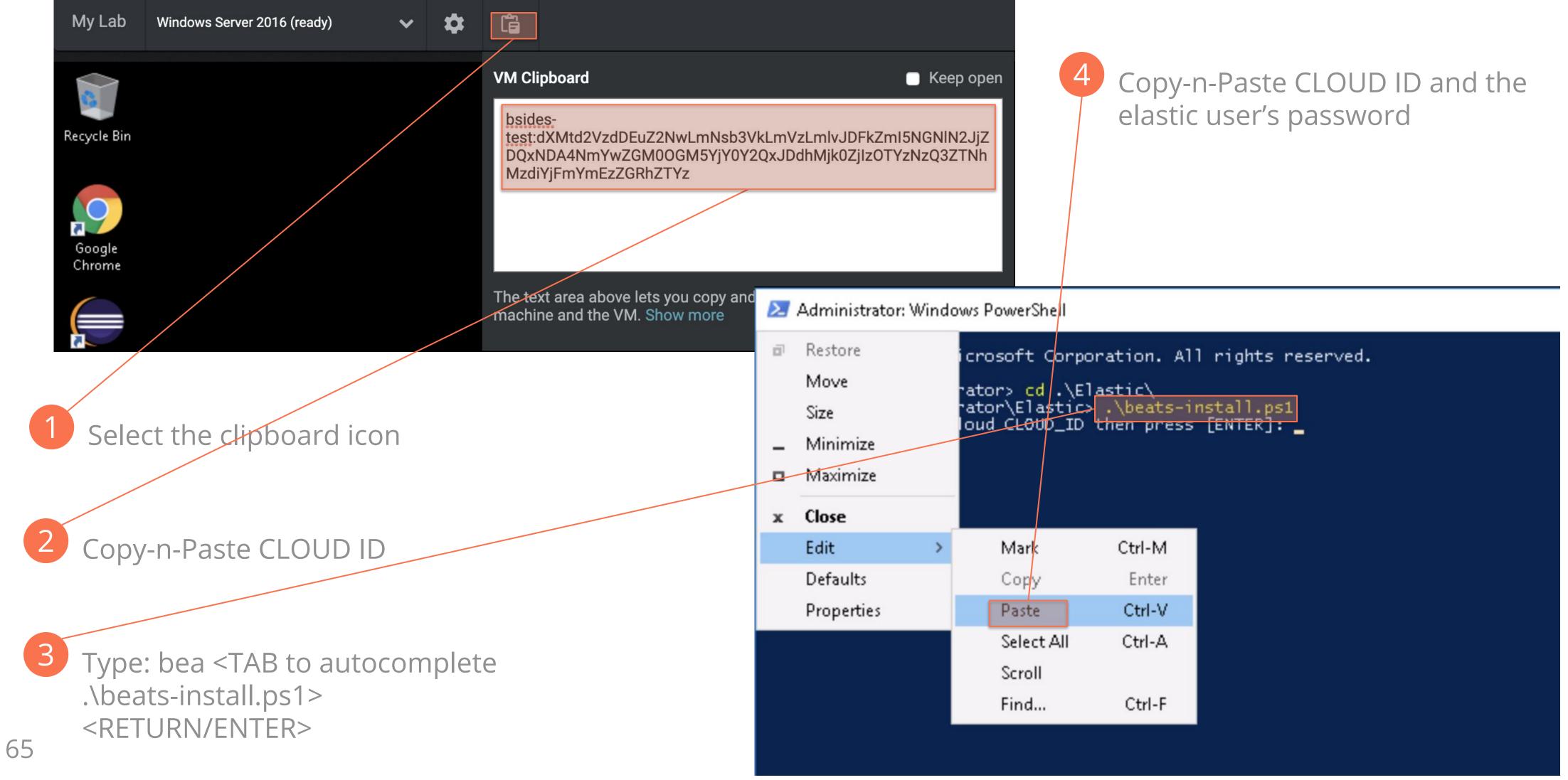




Seamless Clipboard Access using Google Chrome



You must use the Strigo VM Clipboard to Copy Text to the Instance





Winlogbeat & Metricbeat Installation

```
Administrator: Windows PowerShell

Windows PowerShell
Copyright (C) 2016 Microsoft Corporation. All rights reserved.

PS C:\Users\Administrator> cd .\Elastic\
PS C:\Users\Administrator> cd .\Elastic\
PS C:\Users\Administrator\Elastic> .\beats-install.ps1
Enter your Elastic Cloud CLOUD_ID then press [ENTER]: bsides-test:dXMtd2VzdDEuZ2NwLmNsb3VkLmVzLmlvJDFkZmI5NGNlN2JjZDQxND
A4NmYwZGMOOGMSYjYOY2QxJDdhMjkOZjIZOTYzNzQ3ZTNhMzdiYjFmYmEzZGRhZTYz
Your CLOUD_ID is set to: bsides-test:dXMtd2VzdDEuZ2NwLmNsb3VkLmVzLmlvJDFkZmI5NGNlN2JjZDQxNDA4NmYwZGMOOGM5YjYOY2QxJDdhMjk
OZjIZOTYzNzQ3ZTNhMzdiYjFmYmEzZGRhZTYz
Enter you Elastic Cloud 'elastic' user password and then press [ENTER]: TunqACasdOZAP7w4GMnu03PY
You elastic password is set to: TunqACasdOZAP7w4GMnu03PY
Ready to Install? [Y|N]: y_
```



#### ATT&CKTM Beats Community

#### ATT&CK™ configs Thanks to the community

olafhartong / sysmon-modular

bfuzzy / auditd-attack

