

White Hacker Cloud Security Fundamentals

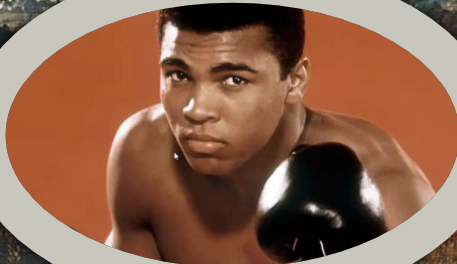
[Date] – Day 13

[Trainer]





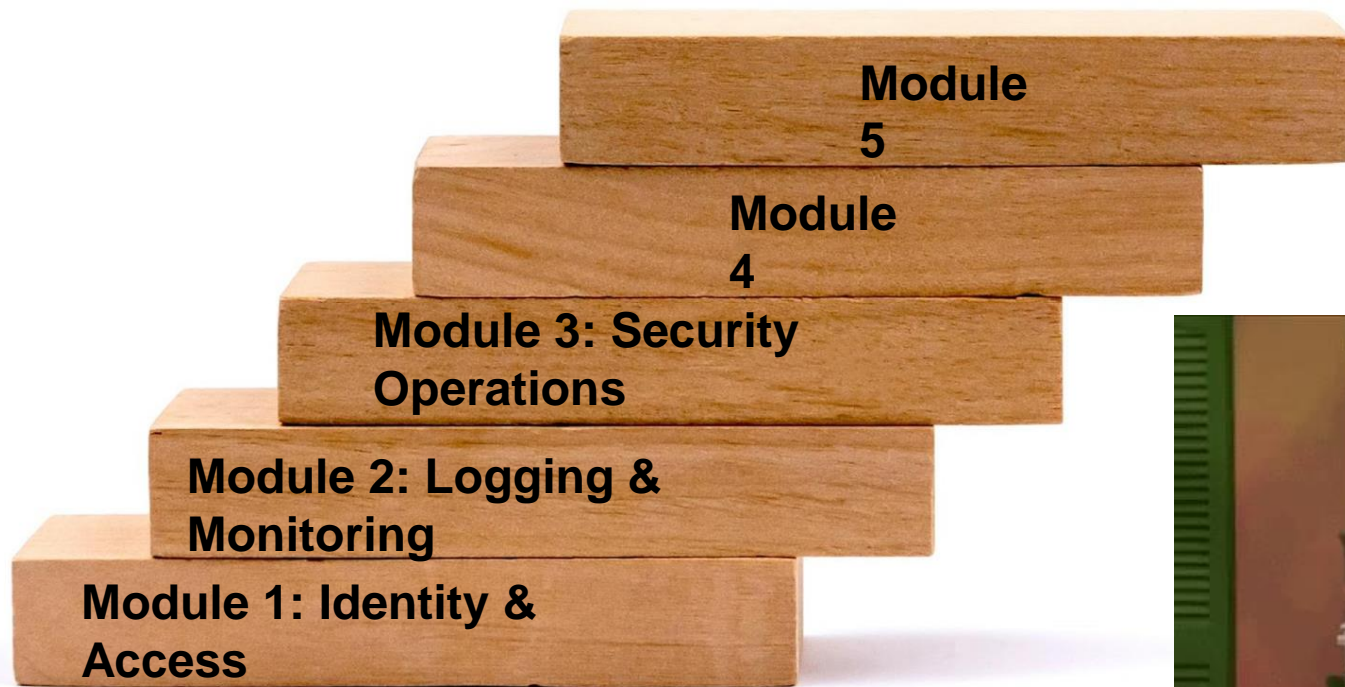
**Happy
to see you
again**



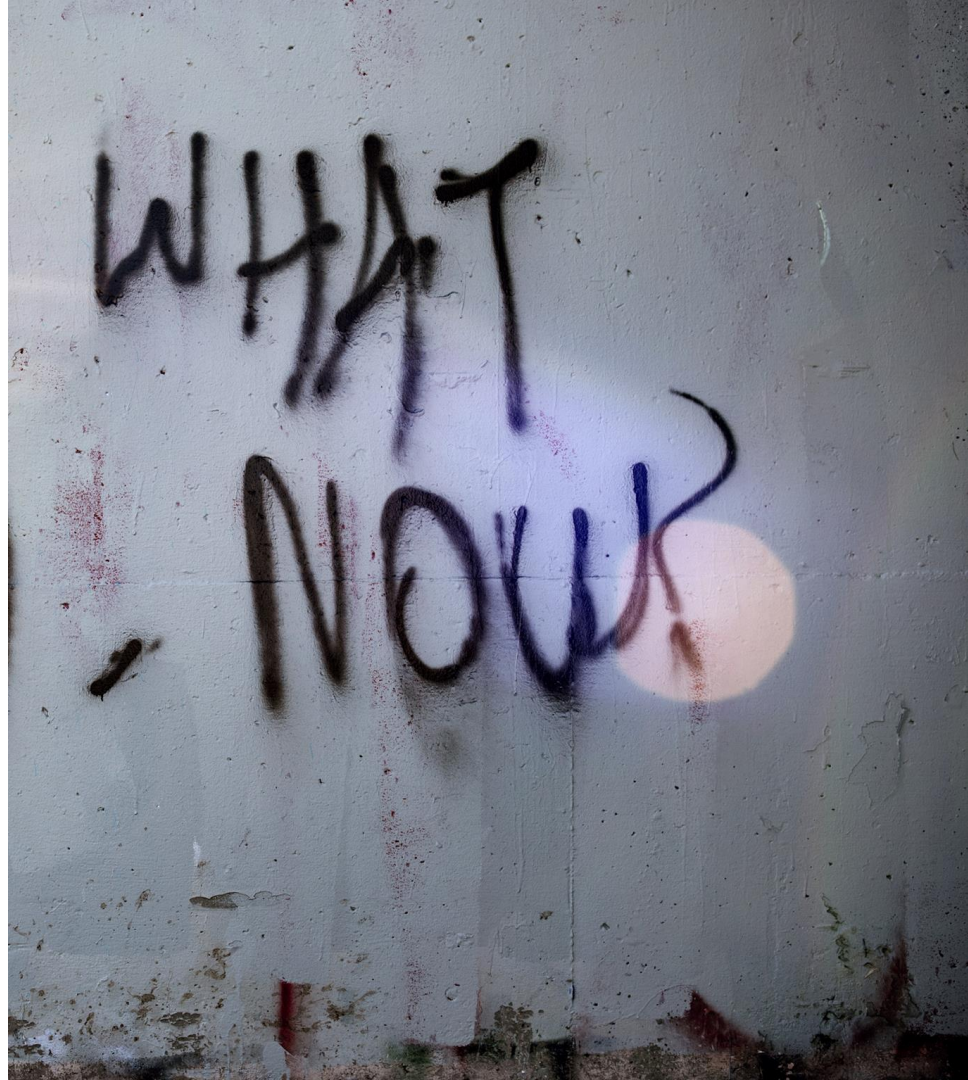


Poll of the day





About our 3 previous modules



Cloud Computing explained by kids

1 min 20 sec



<https://www.youtube.com/watch?v=ad-NTOUye4I>

Today's agenda





It is time for module 4



Data is capital, so don't leave it unsecured !

In this module, we'll uncover how to protect the main asset, data:

- Deploy an encryption infrastructure.
- Setup a key management infrastructure.
- Design backup procedures.

What are we going to learn today ?

Module 4 Secure Data & Apps

- Azure Storage Service Encryption



Briefing time

Your challenge

Azure Storage Service Encryption

Your mission

As an administrator at Privacy Corp, your security and compliance team has determined that they need to implement customer-managed keys. You will have to deal with three different things:

- i. The storage account itself
- ii. Azure Active Directory
- iii. To create a Key Vault

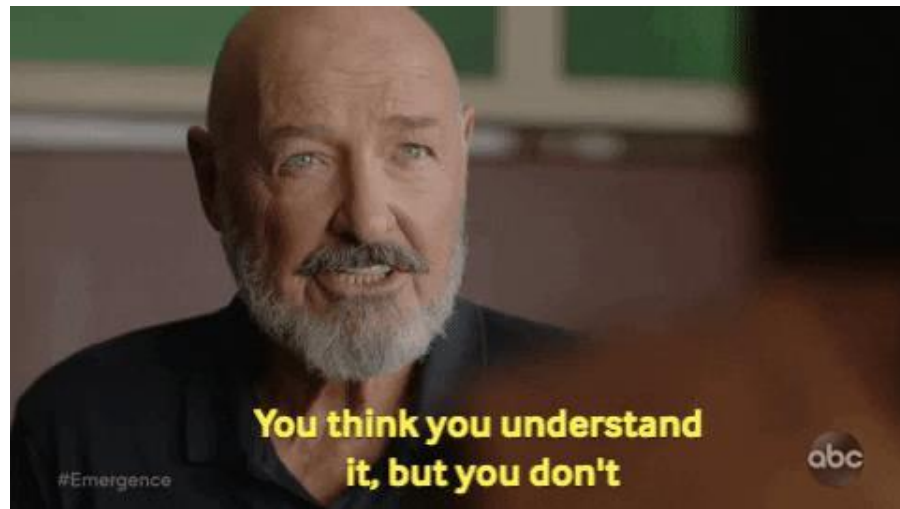
At the end of this challenge you should be able to

- Learn about data regulation and compliance.
- Learn about encryption for Azure Storage
- Create a Key Vault in Azure
- Configure storage account to use Azure key Vault
- Implement Custom Managed Keys for Azure Storage



Your challenge

**Azure Storage Service
Encryption**







be The Dilbert of the day



@SCOTTADAMSSAYS
DILBERT.COM



3-12-20 2020 Scott Adams, Inc./Dist. by Andrews McMeel





**How do you
pronounce it ?**

How to pronounce Azure

1 min



<https://www.youtube.com/watch?v=AmP11EgEM4g>



Demo time

**PowerShell implementation
for custom managed keys
for Azure storage**



The agenda of our next session

```
ay))}}, {key: "backspace", value: function(t, e) { var s = this; if (this.is.toggleBlinking(!1); var n = this.humanizer(this.backSpeed); smartBackspace) { var i = s.strings[s.arrayPos+1]; i && n === i.subs s.strings.length ? (s.arrayPos = 0, s.options.onLastStringBacksp complete", value: function() { this.options.onComplete(this), thi = s, this.pause.curString = t, this.pause.curStrPos = e }, {key: "to ng=t; var e = t ? "infinite": 0; this.cursor.style.animationIterat gsIfNeeded", value: function() { this.shuffle && (this.sequence = t this; return this.el.className += " " + this.fadeOutClass, this.c length > t.arrayPos ? t.typewrite(t.strings[t.sequence[t.arrayf attr ? this.el.setAttribute(this.attr, t) : this.isInput ? this.el e) { t.el.value && 0 !== t.el.value.length || t.start() ) }, {key: "bindFocusEvents", value: function() { var t = this; this. e) { t.el.value && 0 !== t.el.value.length || t.start() ) }, {key: "i "), this.cursor.className = "typed-cursor", this.cursor.innerHTML = e["default"] = a, t.exports = e["default"] }, function(t, e, s) { }(); e["default"] = a, t.exports = e["default"] }, function(t, e, s) { Error("Cannot call a class as a function") } Object.defineProperty ts[e]; for (var n in s) Object.prototype.hasOwnProperty.call(s, n(a), l = function() { function t(i) { i(this, t) } return o(t, [{key: " enumerable || !1, n.configurable = !0, "value" in n && (n.writable = t.options.cursorChar, t.cursorBlinking = !0, t.startDelay = t.options.startDelay, t.fadeOutClass, t. stringsElem
```

**What are we
going to learn
in the next
session ?**

Module 4 Secure Data & Apps

- **Azure Storage Service Encryption**
- **Azure Disk Encryption For Azure VMs**



Amazon is making big global investments in renewable energy



Restoring Earth's ecosystems

Our planet's ecosystems are a vital source of biodiversity. How can technology play a role in helping us conserve these valuable resources?

Microsoft is taking on that challenge by partnering with organizations like SilviaTerra, The Nature Conservancy, and many others as part of our AI for Earth Initiative. And all of this work is building towards the creation of a Planetary Computer that connects trillions of data points about our environment with the power of machine learning—empowering experts with actionable insights.

22 April Earth day

EARTH DAY EVENTS

Mobile version

Want to switch views? Click Calendar at the bottom to see and filter a list.

Are you planning an event?
Register it here

Online or in person:

Age group:

Language:

Date range:

4/19/2021

Swap views at the bottom

Search at the top right

Filter with the options above

<https://www.earthday.org/earth-day-2021/>

See you soon!

