**Azure Identity and Access Management** 

Bootcamp Statement of Work and Outline

**Instructions:** To ensure that all parties are able to access the file, save the local copy in your designated production folder and include the name of the proposed event in the title (ie., Bootcamp Proposal Template\_Topic/Event Title). See submission instructions at the end of the document.

Note, the **Production Details and Marketing Copy sections are due at least four weeks prior to the scheduled event date.** Please contact your area’s Program or Product Manager if you have any questions about the planned content for the event. For questions regarding this template or the referenced resources, contact Natasha Emmanuel via slack or email at nemmanuel@ine.com.

**Instructor Name**

Tim Warner

Date Submitted: [Date]

**PRODUCTION DETAILS**

**Total Number of Days:** 3

**Estimated Number of Hours per Day:** 2-3

**Audience Size Limitations:** [default: none]

**Relevant Certifications & Tags:** ICCE, Azure, IAM, Identity and Access Management, Cloud Engineer, Cloud Security, Azure Active Directory, Azure AD

**IMPLEMENTATION NEEDS & REQUIREMENTS**

**Required Technology:** Azure Access

**Required Software:** NA

**Lecture Functionality & Instructional Needs:** Standard

**Lab Functionality & Instructional Needs:** [lab environment, etc]

* Online access
  + Access to Azure playground with the ability to assign roles to identities on resources.
  + Full access to Azure AD tenant (global administrator) with Azure Premium P II trial.

**MARKETING COPY**

# EVENT DESCRIPTION (ine.com)

In this bootcamp we will cover how to securely manage identities in Azure and control access to resources and data hosted in Azure. We will begin by covering the Azure AD service and how identities are managed in Azure. We will also cover securing resources and data by using Azure AD identities. Finally, we will cover hybrid Azure AD identities.

# EVENT DESCRIPTION (my.ine.com)

In this bootcamp we will cover how to securely manage identities in Azure and control access to resources and data hosted in Azure. You will learn how to provision and manage Azure AD users and groups. You will also learn how to assign the correct Azure AD roles to users and groups, and how to protect user accounts with features such as multi-factor authentication (MFA). You will also learn how to control access to Azure resources such as resource groups, networks, databases, and many other resources by using Azure roles and policies. You will also learn how to integrate Azure AD with other identity systems such as on-premises Active Directory, as well as using Azure AD as an identity source for applications .

# Learning Objectives

At the end of this Bootcamp, students will be able to

* Create and manage Azure AD users and groups
* Protect Azure AD identities
* Control access to Azure resources by using roles and policies
* OPTIONAL - Audit Azure resource access
* OPTIONAL - Control access to data in Azure by using Azure AD identities
* Integrate Azure AD tenants with external identity providers and consumers

# Recommended Knowledge or Skills Prior to Taking this Course

* Basic understanding of cloud concepts
* Basic understanding of Azure management tools

# ITINERARY

## Day 1 7/27/22 11AM - 2PM - Managing an Azure Active Directory Tenant

* Overview of Azure AD
* Manage Azure AD Users
* Manage Azure AD Roles
* Azure AD MFA
* Optional - Azure AD Conditional Access
* Optional - Azure AD Identity Protection
* Optional - Azure AD Auditing

## Day 2 7/28/22 11AM - 2PM - Manage Azure Resource Access

* Azure Roles
* Azure Custom Roles
* Azure Policy and Initiatives
* Service Accounts
* Optional - Azure Security Center
* Optional - Control Plane Auditing
* Optional - Microsoft Defender for Cloud Auditing
* Optional - Managing Data Plane Access
  + Bastion
  + Storage
  + Databases
  + Application Services

## Day 3 7/29/22 11AM - 2PM - Azure AD Integration and Services

* Azure AD Hybrid Identity
* Azure AD Guest Users
* Azure B to C
* Azure App Service Authentication
* [Evaluation](https://docs.google.com/forms/d/e/1FAIpQLScvJsT-dSQd5_HPUlcaMk43V2ytvI3JUBTAPzS8xZ-RyQfjvA/viewform) (10 mins)

<https://docs.google.com/forms/d/e/1FAIpQLScvJsT-dSQd5_HPUlcaMk43V2ytvI3JUBTAPzS8xZ-RyQfjvA/viewform>

*\*\* Remember to ask your students to complete their evaluation during the Bootcamp session, preferably before the last Q&A session, to improve your chances of capturing student responses. We want to hear how awesome you were! Don’t skip this step!*

* Q&A
* Closing Remarks & Recommendations

*Now that your Bootcamp attendees are now devoted fans of your amazing work, tell them about all the other courses and upcoming events that would be great for them to engage in next. Feed your fans, build loyalty, and keep them coming back for more.*

**CONTENT OUTLINE**

# TARGET AUDIENCE & USE CASES *(\*\*Reference only. Do not publish)*

# Who is this course designed for? What need does it meet in their business? How will they use it? How will it benefit them?

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