**Interview Questions related to Azure DevOps Organization**

* What is Team Foundation Server (TFS)?
* What is Visual Studio Team Services (VSTS)?
* What is the difference between Visual Studio and Visual Studio Team Services?
* What is Visual Studio Online?
* Which application got renamed to Azure DevOps on Which date?
* VSTS is renamed on Azure DevOps on 10-Sep-2018.
* What is Azure DevOps?
* What is the relation between TFS, VSTS and Azure DevOps?
* What is ADO stands for?
* What is Azure DevOps Server?
* What is Azure DevOps Organization?
* What is Azure DevOps Project?
* What is Work or School Account when you want to create an Account in Azure or Azure DevOps
* Can we create Nested ADO’s?
* Can we create child Project inside a project?
* Where we can find the settings of Azure DevOps Organization?
* Where we can find the settings of Azure DevOps Project?
* What kind of hierarchy established between Azure DevOps Organization and Azure DevOps Project?
* What kind of Accounts we will be in need to create Azure DevOps Account?
* Explain the difference between Azure DevOps Account, Azure DevOps Organization, Azure DevOps Project? And Explain the Hierarchy between them as well?
* What kind of Authentication we can avail to login to Azure DevOps?
* What is the relation between Azure Active Directory and Azure DevOps Organization?
* What kinds of Access levels are available in Azure DevOps Organization?
* What kinds of Access levels are available in Azure DevOps Project?
* What is the default access that will be provided for a user who is newly created?
* **How to establish connectivity between Azure DevOps and Azure Active Directory?**
* **What kind of Hierarchy in Azure to create the resources??**
* **See the paint application created on Day4**
* **What kind of Hierarchy in Microsoft to create the resources??**
* **See the paint application created on Day4**
* What kind of Accounts will be available in Azure Active Directory?
* What kind of Accounts will be available in Azure DevOps?
* What is Generic Account?
* What is Service Account?
* What is User Account?
* What is Basic Account?
* What is Global Administrator Account?
* What is Limited Administrator Account?
* What is Guest User Account?
* Any difference between Guest Account in Azure Active Directory and Azure DevOps Organization?
* When to choose the location of Azure DevOps Organization to get created in specific location?
* Due to some project requirements, are we supposed to change the location of ADO from one location to other location?
* Are the locations available for Azure DevOps Organization are the same locations are available for Azure Operations?
* What are the technical side effects when you are changing the name of Azure DevOps Organization?
* What are the steps to be remembered or considered before you are going to change the name of Azure DevOps Organization?
* **Add more questions related ADO Migration**
* What are steps to be considered before changing the URL for Azure DevOps Organization?
* While creating we can choose the region where I want to create my Azure DevOps Organization, but due to some requirements, I want to change the ADO region in Azure DevOps Account, but, I am not able to achieve the same? But Why?

1. Microsoft did not enable end user’s to change the region of ADO.

**Questions related to Creation of Azure DevOps Project:**

* Explain the process to create the Azure DevOps Project?
* How to determine project would be public or private?
* How to determine which type of version control to be used in Project?
* How to determine which type of process to be used in Project?
* Is it possible to change the version control of a created project later?
* Is it possible to change the process of a created project later?
* What are the benefits with GIT Version Control?
* What are the benefits with TFVC (Team Foundation Version Control)?
* What are the differences between the four processes by default available while creating the project?
* What are the differences between GIT and TFVC?
* What kind of parameters we need to consider before we are re-naming a Project which is already in development stage?
* What are the default version control and default work item process if don’t choose specifically when I am creating Azure DevOps Project?
* As you know that you can configure private URL for Azure DevOps Organization, due to some requirements, can we also configure private URL for each of project that is created under ADO?
* If Yes, How to achieve the same?
* If Not, what could be the reason for this limitation?
* Can we rename the Name of the Project? Then, what would be the steps to be performed before proposing a change in the Name of the Project?
* What steps need to be taken care fall under the scope of Technical Management?
* What Steps need to be taken or considered fall under the scope of Project Management?
* Can we change the Work Item Process of the Project?
* If I propose the change, what are steps to be taken care?
* Can we change the Visibility of the Project?
* If Yes, What changes need to be done or what are the challenges will be a raised?
* Can we change the Version Control of the Project?

Prepare Questions related to Billing?

Prepare Questions related to Auditing?

Prepare Questions related to Global Notifications?

Prepare Questions related to Usage?

Prepare Questions related to Extensions?

* What Kind of Extensions available in Azure DevOps?
* What are the permissions levels that you required to install the Extensions?
* What is the scope of extension?
* At what level extensions will be installed?
* Do we have an option to enable/disable the extension for specific Project?
* Do we have an option to enable/disable the extension for Azure DevOps Organization?
* Can extension be used in sharing mode between Organizations or between Azure DevOps Project??
* How to Connect Azure DevOps and Azure Portal?

**Questions related to Creation of Azure DevOps Organization to AAD:**

* How to establish connection between Azure DevOps Organization and Azure Active Directory?
* Can we establish connection between one Azure DevOps Organization and two Azure Active Directories? So that any domain user can login to ADO?
* How to disconnect the connection between Azure Active Directory and Azure DevOps Organization?

**Questions related to Creation of Azure DevOps Project User Activity:**

* Explain the process to add users to the Azure DevOps Project?
* What is the limit of users that you can add to the Azure DevOps Project?
* At What Level you can manage the User Accounts in Azure DevOps?
* Can we create the User Accounts at Azure DevOps Project level?
* Can we create the User Account at Azure DevOps Organization Level?
* Can we make a user is part of multiple projects? If possible, explain the hierarchy and if not explain the limitations?
* How to add multiple users to a Azure DevOps Project at a time?
* Can we change the level of access of user later?
* Can we do Promote/Demote of access to user in Azure DevOps Project?
* What kinds of access levels are available for users in Azure DevOps Project?
* A) Basic, Stakeholder and Visual Studio Subscriber are different access levels.
* What is the default access level that will be provided to new user if we don’t specify the same?
* What kind of policies that we can implement for better User Administration to a Azure DevOps Project and Azure DevOps Organization Levels?
* Can we restore the Projects which are deleted?
* How long the deleted projects will be available to restore?
* Can we extend the duration for the deleted projects to available according to our defined time?
* Do we have any option to restore the deleted organization?
* If yes, what is the process to achieve the same for ADO?
* How long the deleted organization will be available to restore?
* Can we extend the duration of deleted organizations to available according to our defined time??
* If yes, what is the process to achieve the same for ADO?
* What is PAT? (Personal Access Token)
* How do you define the Scope for PAT?
* Can we get the same PAT once it is generated? Like if we forget the same, can we retrieve the same when we are in need from the source?
* Does PAT in Azure DevOps and PAT in GIT Hub are same?
* What is the difference between establishing service connection to GIT Hub from Azure DevOps and Establishing GIT Hub Connections in Azure DevOps?

**Questions related to Creation of Azure DevOps Boards Services:**

* What is the Objective of Boards Services?
* What is the Work Items in the Boards Services?
* What is the Boards in the Boards Services?
* What is the Backlogs in the Boards Services?
* What is the Sprints in the Boards Services?
* What is the Queries in the Boards Services?
* What is the logic behind the various options available in the Boards?
* What is User Story?
* What is Task?
* What is Bug?
* What is Epic?
* What is Feature?
* What is Issue?
* What is Test case?
* What is the concept of Efforts?
* What is the Status NEW?
* What is the Status ACTIVE?
* What is the Status RESOLVED?
* What is the Status CLOSED?
* What is the Status REMOVED?
* What is the Description in the User Story?
* What is the Value area in the User Story?
* What is the concept of STORY POINTS in User Story?
* What is the RISK in the User Story?
* How to Link a Task, a Bug, a User Story to other User Story?
* What is the concept of RELATED ITEMS in User Story?
* How to do attachments to User Story?
* What is the Description in User Story?
* What is the Acceptance Criteria in User Story?
* What is Discussion Field in User Story?
* How to Enable Notification Settings for a User Story?
* What is Iteration?
* What is the concept of Grooming?
* What is the Scrum Daily Sync?
* What is the Scrum Team Review/Retro?
* What is the Scrum Team Meeting?
* How to link Work Item in Boards to get the action performed for Repositories in GIT Hub?

**Questions related to Creation of Azure DevOps Repos Services:**

* What is the Azure DevOps repos service?
* What is the repository means or what is the purpose of repository?
* What is Files in Azure DevOps Repos Service?
* What is Commits in Azure DevOps Repos Service?
* What is Pushes in Azure DevOps Repos Service?
* What is Branches in Azure DevOps Repos Service?
* What is Tags in Azure DevOps Repos Service?
* What is Pull Requests in Azure DevOps Repos Service?
* What is Version Control System?
* Why Version Control System is required?
* What are the different Version Control Systems available?
* What are the Version Control Systems that Azure DevOps Supports?
* What are the Version Control System those are available in Azure DevOps by default?
* How to establish connection between Azure DevOps Repos and GIT?
* How to import a repository from GIT account and GIT Projects?
* Can we connect our Azure DevOps Repos with Multiple GIT Accounts?
* What are the parameters required in order to establish connection with GIT Account?
* What are the editor tools that we can use with Azure DevOps?
* How to setup a local copy of Azure DevOps Repo with GIT installed on Desktop?
* How to setup a connection between Azure DevOps and Visual Studio Installed on Desktop?
* How to setup a connection between Azure DevOps and Visual Studio Code installed on Desktop?
* Do you know how to use VS Code with Azure DevOps with GIT Connection?
* How to implement changes in those are performed in local to update central repository or master repository which will be used in Azure DevOps?
* How to Create a Build Pipeline from Azure DevOps Repo?
* What are the rules to create a Build Pipeline from Azure DevOps Repos?
* How to link Azure DevOps Repos with a Task in Boards?
* How to link Azure DevOps Repos with a User Story in Boards?
* Can we link one Azure DevOps Repos with Multiple Tasks of Same User Story?
* Can we link one Azure DevOps Repos with Multiple Tasks of different User Stories?
* Can we link one Azure DevOps Repos with a Task which is without User Story?
* As you know how you are creating Build Pipeline with Azure DevOps, can we create a Release Pipeline with Azure DevOps Repos without creating any Build Pipeline?
* How to Create Branches in Azure DevOps Repos?
* Can we reverse a commit in Azure DevOps Repos?
* How to do reverse a commit in Azure DevOps Repos?
* What are the steps or considerations you should remember before you are doing a reverse of a commit?
* How to compare the commits?
* How do you define a Branch in Azure DevOps Repos?
* Explain the relation between Branch and Azure DevOps Repos?
* What is “Number of Commits Ahead” for a Branch Defines?
* What is “Number of Commits Behind” for a Branch Defines?
* What is Merge Operation while performing Pull Request?
* What Kind of Pull Requests are available in Azure DevOps Repos?
* How to ensure after pull request completed to get the deleted the source Branch automatically?
* How to ensure the source branch is not getting deleted after completion of Pull Request?
* Pull Request will be performed between Branches only?
* How to enable or implement Reviewers in Pull Request?
* How to enable or implement Approvals Process in Pull Requests?
* Explain the merge process the pull request automation with Power Shell?
* Does the Repositories imported from GIT and Repositories created in Azure DevOps GIT are same or different?
* If not, how to identify the same?
* How to identify the Source of a Build Pipeline is GIT Hub Repository?
* How to identify the Source of a Build Pipeline is Azure Repositories with GIT Version Control?
* How to identify the Source of a Build Pipeline is Azure Repositories with Team Foundation Version Control?
* What is Build Definition?
* What is Release Definition?
* How to differentiate each pipeline in Azure DevOps Pipelines?
* How to differentiate each pipeline in Azure DevOps Build Pipelines(C I)?

1. By Build Pipeline Definition ID

* How to differentiate each pipeline in Azure DevOps Release Pipelines (C D)?

1. By Release Pipeline Definition ID

* How to differentiate each release of a Build Pipeline in Azure DevOps?
* How to differentiate each release of a Release Pipeline in Azure DevOps?
* How to delete a Build Pipeline?
* How to delete a Release Pipeline?
* What are the conditions to be followed or what are the applicable rules to be followed if we want to delete a Build Pipeline?
* What are the conditions to be followed or what are the applicable rules to be followed if we want to delete a release Pipeline?
* Can we create a Build Pipeline without any tasks?
* Can we create a Release Pipeline without any tasks?
* What is a Stage in Release Pipeline?
* Can we create a Release Pipeline without any Stages?

**Questions related to GIT Repository Management:**

* What is COMMIT in GIT Operations?
* What is PUSH in GIT Operations?
* What is PULL in GIT Operations?
* What is FETCH in GIT Operations?
* What is Clone in GIT Operations?
* How to establish connection between GIT installed on the Desktop and GIT in GITHUB Account?
* How to Merge the Branches in GIT?
* How to create Token in GIT?

**Questions related to Creation of Azure DevOps Pipelines Activity:**

* What is Pipeline?
* What is Build Pipelines in Azure DevOps?
* What is Environments in Azure DevOps?
* What is Releases in Azure DevOps?
* What is Library in Azure DevOps?
* What is Task Groups in Azure DevOps?
* What is Deployment Groups in Azure DevOps?
* What are Build Pipeline and Continuous Integration in Azure DevOps?
* What are Release Pipeline and Continuous Delivery in Azure DevOps?
* What is Continuous Development, Continuous Integration, Continuous Test and Continuous Delivery in Azure DevOps?
* What is the STAGE in Azure DevOps?
* How to create a Build Pipeline in Azure DevOps?
* How to create a Release Pipeline in Azure DevOps?
* What are the Points to be considered while creating a Build Pipeline?
* What are the Points to be considered while creating a Release Pipeline?
* What is Source in Build Pipeline?
* What is Destination in Build Pipeline?
* What is Source in Release Pipeline?
* What is Destination in Release Pipeline?
* Can we establish a connection between a Build Pipeline and release Pipeline?
* Can we create only Build Pipeline for a repository without a Release Pipeline?
* Can we create only Release Pipeline for a repository without creating a Build Pipeline?
* While creating a Pipeline What Defines the Connect?
* While creating a Pipeline What Defines Select Column?
* While creating a Pipeline What Defines the Configure?
* While creating a Pipeline What Defines the Review?
* How many ways we can create a Build Pipeline? (with YAML in built and Classic Editor)
* What kinds of Sources are available in order to create the Build Pipeline?
* What are parameters you have choose in order to create a Build Pipeline?
* What is Tasks in Build Pipeline?
* What is Variables in Build Pipeline?
* What is Triggers in Build Pipeline?
* What is Options in Build Pipeline?
* What is Retention in Build Pipeline?
* What is History in Build Pipeline?
* What is Summary in Build Pipeline?
* What is Queue in Build Pipeline?
* How to Implement Security in Build Pipeline?
* Can We Rename the Build Pipeline?
* What are the standards to be followed while naming the Pipeline?
* What is Agent Pool?
* What is Agent Specification?
* How to modify the Source details (Repository and Branch) in the Build Pipeline after it is created?
* What is Parameters in Build Pipeline?
* How to configure the Agent?
* What is Pipeline Variables?
* What is Variable Groups?
* What is Pre Defined Variables?
* How to define a format for the build while it is getting deployed?

**Questions related to Creation of Azure DevOps TestPlans Services:**

**Questions related to Creation of Azure DevOps Artifacts Services:**