DevOps Shack
100 Real Time Azure Devops
Errors, Solutions and RCA

1. Error: `Agent Job Timed Out`
   - Solution: Increase job timeout and optimize pipeline steps.
   - RCA: Task execution exceeded the default timeout due to complex builds or insufficient agent resources.

2. Error: `Error: Unable to resolve dependency`
   - Solution: Update dependencies or clear cache in pipeline tasks.
   - RCA: Version conflicts in dependencies or missing updates in the pipeline.

3. Error: `Repository is not authorized`
   - Solution: Reauthorize the repository or verify service connection permissions.
   - RCA: Token expired or incorrect access token permissions.

4. Error: `Unable to locate a suitable build agent`
   - Solution: Check agent pool availability or adjust parallelism limits.
   - RCA: No free agents due to concurrency limits or demand mismatches.

5. Error: `Docker build failed`
   - Solution: Verify Dockerfile syntax, context path, and agent Docker support.
   - RCA: Incorrect Dockerfile configuration or unsupported agent environment.

6. Error: `Pipeline cannot access secrets`
   ○ Solution: Reconfigure the variable group or service connection for secrets.
   ○ RCA: Expired or misconfigured Azure Key Vault or service connections.

7. Error: `403 Forbidden: Push is not permitted`
   ○ Solution: Update permissions or reconfigure branch protection rules.
   ○ RCA: Branch policies or insufficient user rights.

8. Error: `Pull request validation failed`
   ○ Solution: Fix code style issues or address failing PR policies.
   ○ RCA: Linting errors or test failures in the pipeline.

9. Error: `Git fetch failed with exit code 128`
   ○ Solution: Reconfigure credentials or verify the repository URL.
   ○ RCA: Authentication issues or incorrect URL formatting.

10. Error: `Merge conflict detected`
    ○ Solution: Resolve conflicts locally and update the PR branch.
    ○ RCA: Simultaneous updates to the same files in different branches.

11. Error: `Package upload failed`
    ○ Solution: Verify storage permissions and retry.
    ○ RCA: Insufficient permissions for Azure Artifacts storage.

12. Error: `Artifact not found`
    ○ Solution: Verify artifact name and ensure build artifacts are published.
    ○ RCA: Missing or incorrect artifact publishing task.

13. Error: `Failed to restore NuGet packages`

- ○ Solution: Check `NuGet.Config` file paths and credentials.
- ○ RCA: Invalid credentials or missing feed configurations.

14. Error: `Test Run Failed`
    - ○ Solution: Debug failing tests locally or analyze logs for root causes.
    - ○ RCA: Code changes caused functional or integration test failures.

15. Error: `No tests discovered`
    - ○ Solution: Validate test path and framework version in the pipeline.
    - ○ RCA: Misconfigured test discovery paths or framework compatibility.

16. Error: `Test adapter not found`
    - ○ Solution: Install the required test adapter on the agent.
    - ○ RCA: Missing adapter for the test framework (e.g., NUnit, MSTest).

17. Error: `ARM template deployment failed`
    - ○ Solution: Validate the template and ensure referenced resources exist.
    - ○ RCA: Syntax errors, missing dependencies, or invalid parameters.

18. Error: `Deployment slot swap failed`
    - ○ Solution: Verify slot compatibility and ensure no active deployments.
    - ○ RCA: Locked resources or mismatched configurations between slots.

19. Error: `Azure resource provisioning failed`
    - ○ Solution: Ensure quota availability and validate resource group configurations.
    - ○ RCA: Exceeding quota limits or invalid resource settings.

20. Error: `Kubernetes deployment failed`
    - ○ Solution: Debug Kubernetes manifests and validate cluster connectivity.
    - ○ RCA: Incorrect manifest files or cluster misconfiguration.

21. Error: `Unrecognized pipeline schema or invalid syntax`
- **Solution:**
  - Validate the YAML syntax using the Azure Pipelines YAML schema reference.
  - Use the pipeline editor in Azure DevOps for syntax validation.
- **RCA:**
  - Occurs due to invalid indentation, missing keys, or unsupported schema versions.
  - YAML syntax errors are common when copying configuration from external sources.

22. Error: `Unexpected value: 'steps'`
- **Solution:**
  1. Check indentation and ensure `steps` is nested under `job` or `stage`.
  2. Review the pipeline hierarchy for missing `jobs` or `stages` keys.
- **RCA:** Misaligned or misplaced keys disrupt the YAML structure.

23. Error: `Variables are not substituting in YAML`
- **Solution:**
  - Ensure variables are defined correctly (`$(variableName)`).
  - Use `variables` block at the correct scope (global, stage, or job-level).
- **RCA:**
  - Variables defined in incorrect scopes or referenced using incorrect syntax.

24. Error: `Task 'XYZ' not found in agent`
- **Solution:**
  1. Verify the task name and version in the YAML file.
  2. Ensure the agent includes the task or manually install it for self-hosted agents.
- **RCA:** Missing task versions or incompatible agent configurations.

25. Error: `Condition '' failed`
- **Solution:**
  - ○ **Debug the conditional expression and ensure it evaluates correctly.**
  - ○ **Use debugging tools to log variable values in the pipeline.**
- **RCA:**
  - ○ **Conditional expressions fail due to undefined or mismatched variables.**

26. Error: `Build pipeline not triggering automatically`
- **Solution:**
  - ○ **Check the trigger section in the YAML pipeline (`trigger: branches`).**
  - ○ **Ensure branch names are correctly configured for continuous integration (CI).**
- **RCA:**
  - ○ **Misconfigured trigger paths or branch patterns.**

27. Error: `Release pipeline failed to deploy artifacts`
- **Solution:**
  1. **Verify that artifacts are properly linked in the release pipeline.**
  2. **Check permissions for artifact download tasks.**
- **RCA: Missing or incorrect artifact links in release pipelines.**

28. Error: `Service connection authentication failed`
- **Solution:**
  1. **Revalidate the service connection credentials.**
  2. **Ensure the service principal has sufficient permissions in Azure or other cloud providers.**
- **RCA: Expired tokens, revoked credentials, or insufficient permissions.**

29. Error: `Agent unable to download task definitions`
- **Solution:**
  1. **Verify internet connectivity for the agent.**
  2. **Update the agent to the latest version.**

- RCA: Network restrictions or outdated agents.

30. Error: `Cannot update deployment status in release pipeline`
- Solution:
    1. Grant the release pipeline user permissions to update deployments.
    2. Check for ongoing deployment conflicts.
- RCA: Lack of permissions for deployment updates or simultaneous deployments.

31. Error: `Personal Access Token (PAT) expired`
- Solution:
    1. Regenerate the PAT and update its reference in pipelines or tools.
    2. Use Azure Active Directory (AAD)-based authentication for long-term stability.
- RCA: Expired or revoked PAT, often due to default expiration policies.

32. Error: `Insufficient permissions for accessing Azure resources`
- Solution:
    1. Update the role assignments for the service principal or user.
    2. Use the `Reader` or `Contributor` role depending on the required access level.
- RCA: Misconfigured RBAC settings in Azure subscriptions.

33. Error: `Token audience is not recognized`
- Solution:
    1. Update the service principal to include the correct resource or scope.
    2. Regenerate the token with the appropriate audience claim.
- RCA: Misconfigured token scopes or incorrect audience claims during token generation.

34. Error: `User lacks permission to queue builds`

- **Solution:**
    1. Grant the user the `Queue build` permission in the pipeline's security settings.
    2. Assign `Contributor` or higher role to the user in the project.
- **RCA:** Insufficient user permissions in Azure DevOps security settings.

35. **Error:** `Docker image push failed`
- **Solution:**
    1. Verify the Docker registry credentials in the pipeline.
    2. Check storage limits and ensure the image tag matches the registry format.
- **RCA:** Invalid credentials, incorrect image tags, or exceeding storage quotas.

36. **Error:** `Kubernetes pod stuck in 'Pending' state`
- **Solution:**
    1. Check for resource limits or quotas in the Kubernetes cluster.
    2. Validate the YAML manifest for nodeSelector or affinity rules.
- **RCA:** Resource constraints or misconfigured scheduling rules.

37. **Error:** `Ingress not resolving traffic`
- **Solution:**
    1. Validate ingress annotations and ensure the DNS records point to the ingress IP.
    2. Check for misconfigured TLS certificates.
- **RCA:** Incorrect ingress configurations or missing DNS records.

38. **Error:** `ImagePullBackOff in Kubernetes pods`
- **Solution:**
    1. Verify the container registry credentials and image path.
    2. Check for rate limits or pull policies (e.g., `IfNotPresent`).

- RCA: Invalid registry credentials or image pull policy mismatches.

39. Error: `Terraform apply failed with HTTP 403`
- Solution:
    1. Verify the service principal's permissions on the Azure subscription.
    2. Ensure the resource group exists and is accessible.
- RCA: Misconfigured RBAC role assignments or resource group access restrictions.

40. Error: `State file not found in Terraform`
- Solution:
    1. Verify the backend storage account (e.g., Azure Blob) is accessible.
    2. Check for the correct state file configuration in `terraform.tfstate`.
- RCA: Backend storage was deleted, inaccessible, or misconfigured.

41. Error: `ARM template parameter value not supported`
- Solution:
    1. Validate parameter values using `az deployment validate`.
    2. Match parameter types with the template schema.
- RCA: Unsupported or incorrect parameter values were passed during deployment.

42. Error: `Ansible playbook execution failed`
- Solution:
    1. Debug the playbook with `-vvv` for detailed logs.
    2. Ensure all hosts in the inventory file are accessible.
- RCA: Host connectivity issues, missing SSH keys, or playbook syntax errors.

43. Error: `Work item type not found`
- Solution:
    1. Verify the work item type exists in the current process template.

2. Add the work item type in `Project Settings > Process`.
- RCA: Work item type mismatch or missing process configuration.

44. Error: `Area path or iteration path invalid`
- Solution:
    1. Update the area's configuration in `Project Settings > Area Paths`.
    2. Verify iteration paths are correctly defined for the project.
- RCA: Area paths were not updated after process changes.

45. Error: `Azure Monitor metrics not visible in pipelines`
- Solution:
    1. Verify the Azure Monitor integration in the pipeline settings.
    2. Check for permissions to read metrics in the Azure subscription.
- RCA: Insufficient access or misconfigured Azure Monitor integration.

46. Error: `Failed to create log analytics workspace`
- Solution:
    1. Ensure the subscription has sufficient quota for log analytics workspaces.
    2. Check for resource naming conflicts or policy restrictions.
- RCA: Exceeding resource quotas or conflicting naming conventions.

47. Error: `Unable to download NuGet package`
- Solution:
    1. Verify feed credentials and permissions for the user or service principal.
    2. Update the `NuGet.Config` file with the correct feed URL.
- RCA: Incorrect credentials or outdated feed references.

48. Error: `Universal package download failed`
- Solution:
    1. Verify the universal package exists in the Azure Artifacts feed.

2. **Check permissions for accessing the feed in** `Artifacts Security`
- **RCA: Package was deleted, or permissions were misconfigured.**

49. **Error:** `Service connection expired or not authorized`
- **Solution:**
    1. **Revalidate the service connection in** `Project Settings > Service Connections`.
    2. **Update expired credentials or tokens for the connection.**
- **RCA: Tokens expired or were revoked, or the associated principal lost permissions.**

50. **Error:** `Azure Resource Manager service connection failed`
- **Solution:**
    1. **Validate the service principal's role assignments in the subscription.**
    2. **Grant** `Contributor` **or appropriate role access.**
- **RCA: Service principal lacks necessary permissions on the target resources.**

51. **Error:** `Self-hosted agent went offline`
- **Solution:**
    1. **Restart the agent and check the logs in the** `Agent\_diag` **folder.**
    2. **Verify the network connectivity between the agent and Azure DevOps.**
- **RCA: Network interruptions or misconfigured agent configurations.**

52. **Error:** `Agent could not resolve hostname`
- **Solution:**
    1. **Verify the DNS settings on the self-hosted agent machine.**
    2. **Use IP addresses as a temporary workaround to check connectivity.**
- **RCA: DNS resolution issues or restricted access to the target.**

53. **Error:** `Out of disk space on build agent`
- **Solution:**

1. Clean up temporary files and workspace folders on the agent.
2. Increase disk space or switch to a different agent.

- RCA: Disk space was exhausted due to large artifacts or build outputs.

54. Error: `Email notifications not received`

- Solution:
    1. Check the email subscription settings in `Project Settings > Notifications`.
    2. Verify the email address in Azure DevOps user profile settings.
- RCA: Notification rules were disabled, or email delivery failed.

55. Error: `Service hooks delivery failed`

- Solution:
    1. Check the endpoint configuration and retry the failed hooks.
    2. Validate the webhook endpoint's accessibility and response.
- RCA: Endpoint was unavailable or misconfigured.

56. Error: `Resource unavailable: Quota exceeded`

- Solution:
    1. Increase quotas in the Azure subscription for the affected resources.
    2. Use existing resources where possible.
- RCA: Resource quota limits were reached in the Azure region.

57. Error: `Cannot connect to Azure DevOps organization`

- Solution:
    1. Verify Azure DevOps organization status at Azure DevOps Service Status.
    2. Check for network connectivity issues.
- RCA: Service outages or regional connectivity issues.

58. Error: `User session expired`

- Solution:
    1. Re-login to Azure DevOps and clear browser cache.

2. **Increase session duration if using a personal access token.**
- **RCA: Authentication tokens expired or session timeout policies were applied.**

59. **Error: `Pod configuration invalid`**
- **Solution:**
  - **Validate the Kubernetes manifest file using `kubectl apply --dry-run`.**
  - **Check for missing fields, improper formatting, or invalid values.**
- **RCA:**
  - **Syntax or structural errors in the YAML manifest.**
  - **Deprecated fields used in the manifest.**

60. **Error: `CrashLoopBackOff for deployed containers`**
- **Solution:**
  - **Use `kubectl logs <pod-name>` to inspect logs for error details.**
  - **Check readiness probes, environment variables, and application configurations.**
- **RCA:**
  - **Application failed to start due to incorrect configurations or missing dependencies.**

61. **Error: `Service not exposing application`**
- **Solution:**
  - **Validate service type (ClusterIP, NodePort, LoadBalancer) in the manifest.**
  - **Verify DNS resolution and ensure Ingress rules are applied correctly.**
- **RCA:**
  - **Incorrect service configuration or missing Ingress annotations.**

62. **Error: `ImagePullBackOff`**
- **Solution:**
  - **Verify container registry credentials in the Kubernetes secret.**

- ○ **Ensure the image name and tag are correct.**
- ● **RCA:**
  - ○ **Authentication failure or missing image in the registry.**

63. **Error:** `Unauthorized error accessing AKS cluster`
- ● **Solution:**
  - ○ **Ensure the Azure DevOps service connection is authorized to access the AKS cluster.**
  - ○ **Update Kubernetes RBAC permissions to allow required operations.**
- ● **RCA:**
  - ○ **Insufficient permissions or expired credentials in the service connection.**

64. **Error:** `GitHub webhook delivery failed`
- ● **Solution:**
  - ○ **Verify the webhook URL and secret in the GitHub repository settings.**
  - ○ **Check for firewall or network restrictions blocking webhook requests.**
- ● **RCA:**
  - ○ **Invalid webhook URL or network issues.**

65. **Error:** `Unable to fetch GitHub repository`
- ● **Solution:**
  - ○ **Ensure the GitHub service connection is configured with proper access tokens.**
  - ○ **Reauthorize the connection in Azure DevOps.**
- ● **RCA:**
  - ○ **Expired personal access token or revoked OAuth app permissions.**

66. **Error:** `GitHub Actions conflicts with Azure Pipelines`
- ● **Solution:**
  - ○ **Decide on a single CI/CD tool for the repository (Azure Pipelines or GitHub Actions).**

- ○ Ensure no conflicting `.yml` files are triggering multiple builds simultaneously.
- ● RCA:
  - ○ Both tools are triggered for the same repository, causing resource conflicts.

67. Error: `Terraform plan failed`

- ● Solution:
  - ○ Debug the Terraform task output to identify syntax or resource configuration issues.
  - ○ Use the `terraform validate` command locally to test the plan.
- ● RCA:
  - ○ Incorrect or missing variables, syntax errors, or invalid resource definitions.

68. Error: `Publish Build Artifacts task failed`

- ● Solution:
  - ○ Verify the artifact path in the pipeline and ensure it exists after the build.
  - ○ Use the `Copy Files` task to ensure artifacts are moved to the correct directory.
- ● RCA:
  - ○ Missing artifact files due to incorrect paths or failed build steps.

69. Error: `Azure CLI task failed`

- ● Solution:
  - ○ Verify the Azure CLI version compatibility for the task.
  - ○ Check the Azure subscription context in the task configuration.
- ● RCA:
  - ○ Outdated Azure CLI version or invalid subscription ID.

70. Error: `KeyVault task failed to fetch secrets`

- ● Solution:

- ○ **Ensure the Azure Key Vault is accessible from the service principal.**
- ○ **Add proper access policies to allow secret retrieval.**
- ● **RCA:**
  - ○ **Misconfigured Key Vault access policies or expired service principal credentials.**

71. **Error:** `Failed to deliver service hook event`
- ● **Solution:**
  - ○ **Verify the endpoint configuration for the service hook.**
  - ○ **Ensure the target application (e.g., Slack, Jenkins) is online and accessible.**
- ● **RCA:**
  - ○ **Network issues or invalid endpoint URLs.**

72. **Error:** `Service hook authentication failed`
- ● **Solution:**
  - ○ **Revalidate the authentication method used (e.g., OAuth, PAT).**
  - ○ **Update expired credentials or tokens.**
- ● **RCA:**
  - ○ **Expired or invalid authentication credentials for the target service.**

73. **Error:** `Power BI data pipeline not refreshing`
- ● **Solution:**
  - ○ **Ensure the Azure DevOps Analytics connector is authorized in Power BI.**
  - ○ **Check the dataset configuration for schedule refresh settings.**
- ● **RCA:**
  - ○ **Authorization issues or misconfigured dataset refresh schedules.**

74. **Error:** `Data not syncing with Azure DevOps Analytics`
- ● **Solution:**
  - ○ **Verify the analytics service is enabled in the Azure DevOps organization.**
  - ○ **Check if there are delays in analytics data processing.**

- **RCA:**
  - Service latency or analytics processing delays.

75. Error: `Azure Function deployment failed`
- **Solution:**
  - Debug the deployment logs for errors in configuration or runtime settings.
  - Ensure the App Service plan supports the Azure Function's requirements.
- **RCA:**
  - Misconfigured deployment settings or incompatible App Service plan.

76. Error: `App Service slot swap failed`
- **Solution:**
  - Verify that both deployment slots have compatible settings.
  - Resolve any application conflicts, such as locked resources.
- **RCA:**
  - Deployment slots configured with conflicting settings.

24. Advanced Deployment and Infrastructure Errors

77. Error: `App Service deployment failed due to locked resources`
- **Solution:**
  - Check the resource group for locked resources in the Azure portal.
  - Remove the locks or coordinate with administrators to release them.
- **RCA:**
  - Resource locks (read-only or delete locks) prevent changes to the App Service.

78. Error: `Azure Application Gateway configuration failed`
- **Solution:**
  - Validate the backend pool settings and health probe configuration.

- ○ **Ensure the target endpoints are reachable from the Application Gateway.**
- ● **RCA:**
  - ○ **Incorrect backend settings, misconfigured probes, or network issues.**

79. **Error:** `VM Scale Set deployment failed`
- ● **Solution:**
  - ○ **Verify the VM image and SKU compatibility with the scale set configuration.**
  - ○ **Check for resource availability in the selected Azure region.**
- ● **RCA:**
  - ○ **Unsupported VM image or insufficient regional resources.**

80. **Error:** `Traffic Manager endpoint not resolving`
- ● **Solution:**
  - ○ **Ensure the endpoint is online and reachable.**
  - ○ **Verify DNS configurations and Traffic Manager profiles.**
- ● **RCA:**
  - ○ **Offline endpoints or incorrect DNS configurations.**

81. **Error:** `Pipeline condition evaluation failed`
- ● **Solution:**
  - ○ **Validate the condition syntax (e.g., `and`, `or`, `eq`) in the YAML file.**
  - ○ **Use pipeline variables and debugging to trace condition execution.**
- ● **RCA:**
  - ○ **Misconfigured or unsupported conditional expressions.**

82. **Error:** `Stages skipped due to condition failure`
- ● **Solution:**
  - ○ **Check the dependencies between stages.**
  - ○ **Verify that the correct variables and outputs are used in the conditions.**

- **RCA:**
  - Stage conditions not matching due to variable scope or incorrect expressions.

83. **Error:** `JIRA integration failed to sync work items`
- **Solution:**
  - Reconfigure the JIRA service connection with updated credentials.
  - Verify webhook configuration in JIRA for Azure DevOps sync.
- **RCA:**
  - Expired tokens, revoked permissions, or incorrect webhook settings.

84. **Error:** `Slack notifications not triggered`
- **Solution:**
  - Verify the webhook URL in the service hook configuration.
  - Check for network restrictions between Azure DevOps and Slack.
- **RCA:**
  - Invalid webhook configuration or blocked requests.

85. **Error:** `SonarQube analysis failed in pipeline`
- **Solution:**
  - Verify the SonarQube service connection credentials.
  - Ensure the `Prepare Analysis` task is configured correctly in the pipeline.
- **RCA:**
  - Incorrect token or server URL in the service connection.

86. **Error:** `PersistentVolumeClaim pending in Kubernetes`
- **Solution:**
  - Check if the storage class used is available and properly configured.
  - Validate the size and access modes in the PVC definition.
- **RCA:**

- ○ **Misconfigured storage class or insufficient storage availability.**

87. **Error:** `Helm chart deployment failed`
- **Solution:**
    - ○ **Debug the** `helm install` **or** `helm upgrade` **logs for detailed error messages.**
    - ○ **Ensure the correct values file is used during deployment.**
- **RCA:**
    - ○ **Missing or incorrect values in the Helm chart configuration.**

88. **Error:** `Kubernetes node not ready`
- **Solution:**
    - ○ **Inspect the node logs using** `kubectl describe node <node-name>`.
    - ○ **Check for resource limits or issues with node components (e.g., kubelet).**
- **RCA:**
    - ○ **Resource exhaustion or node component failures.**

89. **Error:** `Ingress TLS certificate error`
- **Solution:**
    - ○ **Verify the certificate and private key used for the Ingress resource.**
    - ○ **Check the annotation for the correct certificate provider (e.g., Cert-Manager, Let's Encrypt).**
- **RCA:**
    - ○ **Invalid or expired TLS certificates.**

90. **Error:** `Failed to link work item to build`
- **Solution:**
    - ○ **Check if the build is associated with the correct branch and repository.**
    - ○ **Ensure permissions allow linking work items to builds.**
- **RCA:**

○ Missing build association or insufficient permissions.

91. Error: `Work item query execution failed`
- Solution:
  ○ Validate the query syntax in Azure Boards.
  ○ Check for invalid area paths or iteration paths in the query.
- RCA:
  ○ Invalid paths or incorrect field references in the query.

92. Error: `Pipeline execution data missing in reports`
- Solution:
  ○ Enable pipeline analytics in Azure DevOps organization settings.
  ○ Wait for data processing to complete if the pipeline was recently executed.
- RCA:
  ○ Analytics data delayed due to processing lags or misconfigured settings.

93. Error: `Reports not generating in Power BI`
- Solution:
  ○ Ensure the Azure DevOps Analytics connector is set up correctly in Power BI.
  ○ Refresh the dataset manually or review automatic refresh settings.
- RCA:
  ○ Connector misconfiguration or invalid dataset queries.

94. Error: `Environment approval not triggered`
- Solution:
  ○ Check the environment settings and ensure approval is enabled.
  ○ Add required approvers in the environment configuration.
- RCA:
  ○ Missing approvers or disabled approval settings.

95. Error: `Artifact clean-up task failed`
- **Solution:**
  - ○ **Verify the retention policy for artifacts in pipeline settings.**
  - ○ **Ensure the agent has permission to delete artifacts.**
- **RCA:**
  - ○ **Retention policy misconfigurations or insufficient permissions.**

96. Error: `Self-hosted agent pool limit reached`
- **Solution:**
  - ○ **Increase the number of self-hosted agents in the pool.**
  - ○ **Optimize pipeline concurrency to reduce contention.**
- **RCA:**
  - ○ **Pool limits exceeded due to high concurrency.**

97. Error: `Failed to update project settings`
- **Solution:**
  - ○ **Verify the user has `Project Administrator` permissions.**
  - ○ **Recheck the validity of input fields in the settings update.**
- **RCA:**
  - ○ **Insufficient permissions or invalid configurations.**

98. Error: `Azure DevOps extension installation failed`
- **Solution:**
  - ○ **Check for compatibility of the extension with the Azure DevOps version.**
  - ○ **Reinstall the extension after resolving connectivity issues.**
- **RCA:**
  - ○ **Incompatible extension version or network interruptions.**

99. Error: `Pipeline fails to trigger on branch updates`
- **Solution:**
  - ○ **Validate trigger paths and branch filters in the YAML pipeline.**
  - ○ **Check repository permissions for the pipeline trigger.**

- **RCA:**
  - **Misconfigured branch filters or insufficient repository permissions.**

100. **Error: `Failed to clone repository in pipeline` - Solution:**
  - **Ensure the service connection or PAT used for repository access is valid.**
  - **Verify the repository URL and credentials. - RCA:**
  - **Authentication issues or incorrect repository URLs.**