**CloudBees CD Post Upgrade Validation Checklist**

**Environment:** Sandbox  
**Date:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
**Validator:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
**CloudBees CD Version (Before):** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
**CloudBees CD Version (After):** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Instructions**

* Complete all validation items in the order presented
* Mark each item as **PASS**, **FAIL**, or **N/A** (Not Applicable)
* For any FAIL items, provide detailed notes in the Comments section
* Take screenshots for critical validations where applicable
* Escalate any critical failures immediately

**1. System Health and Basic Connectivity**

| **Item** | **Description** | **Status** | **Comments** |
| --- | --- | --- | --- |
| 1.1 | CloudBees CD Server is accessible via web interface | ☐ PASS ☐ FAIL ☐ N/A |  |
| 1.2 | Login functionality works with valid credentials | ☐ PASS ☐ FAIL ☐ N/A |  |
| 1.3 | CloudBees CD Server service is running and stable | ☐ PASS ☐ FAIL ☐ N/A |  |
| 1.4 | Database connectivity is functioning properly | ☐ PASS ☐ FAIL ☐ N/A |  |
| 1.5 | All registered agents/resources are online and responsive | ☐ PASS ☐ FAIL ☐ N/A |  |
| 1.6 | System performance is within acceptable parameters | ☐ PASS ☐ FAIL ☐ N/A |  |

**2. User Management and Security**

| **Item** | **Description** | **Status** | **Comments** |
| --- | --- | --- | --- |
| 2.1 | User accounts and groups are intact | ☐ PASS ☐ FAIL ☐ N/A |  |
| 2.2 | User permissions and roles are preserved | ☐ PASS ☐ FAIL ☐ N/A |  |
| 2.3 | LDAP/Active Directory integration (if configured) | ☐ PASS ☐ FAIL ☐ N/A |  |
| 2.4 | SSO integration (if configured) | ☐ PASS ☐ FAIL ☐ N/A |  |
| 2.5 | SSL/TLS certificates are valid and functioning | ☐ PASS ☐ FAIL ☐ N/A |  |
| 2.6 | API access tokens are working | ☐ PASS ☐ FAIL ☐ N/A |  |

**3. Projects and Applications**

| **Item** | **Description** | **Status** | **Comments** |
| --- | --- | --- | --- |
| 3.1 | All projects are visible and accessible | ☐ PASS ☐ FAIL ☐ N/A |  |
| 3.2 | Application models are intact and functional | ☐ PASS ☐ FAIL ☐ N/A |  |
| 3.3 | Project configurations and properties are preserved | ☐ PASS ☐ FAIL ☐ N/A |  |
| 3.4 | Environment configurations are intact | ☐ PASS ☐ FAIL ☐ N/A |  |
| 3.5 | Component definitions and artifacts are preserved | ☐ PASS ☐ FAIL ☐ N/A |  |

**4. Procedures and Workflows**

| **Item** | **Description** | **Status** | **Comments** |
| --- | --- | --- | --- |
| 4.1 | Existing procedures can be viewed and edited | ☐ PASS ☐ FAIL ☐ N/A |  |
| 4.2 | Create new procedure functionality works | ☐ PASS ☐ FAIL ☐ N/A |  |
| 4.3 | Run existing procedure (select 2-3 critical ones) | ☐ PASS ☐ FAIL ☐ N/A |  |
| 4.4 | Procedure parameters and steps are preserved | ☐ PASS ☐ FAIL ☐ N/A |  |
| 4.5 | Workflow definitions are intact | ☐ PASS ☐ FAIL ☐ N/A |  |
| 4.6 | Workflow execution works properly | ☐ PASS ☐ FAIL ☐ N/A |  |

**5. Pipelines and Releases**

| **Item** | **Description** | **Status** | **Comments** |
| --- | --- | --- | --- |
| 5.1 | Pipeline definitions are preserved | ☐ PASS ☐ FAIL ☐ N/A |  |
| 5.2 | Create new pipeline functionality works | ☐ PASS ☐ FAIL ☐ N/A |  |
| 5.3 | Run existing pipeline (select 1-2 critical ones) | ☐ PASS ☐ FAIL ☐ N/A |  |
| 5.4 | Pipeline stages and gates function properly | ☐ PASS ☐ FAIL ☐ N/A |  |
| 5.5 | Release management functionality works | ☐ PASS ☐ FAIL ☐ N/A |  |
| 5.6 | Deployment automation is functional | ☐ PASS ☐ FAIL ☐ N/A |  |

**6. Reports and Analytics**

| **Item** | **Description** | **Status** | **Comments** |
| --- | --- | --- | --- |
| 6.1 | Dashboard displays are working correctly | ☐ PASS ☐ FAIL ☐ N/A |  |
| 6.2 | Standard reports can be generated | ☐ PASS ☐ FAIL ☐ N/A |  |
| 6.3 | Custom reports (if any) are functional | ☐ PASS ☐ FAIL ☐ N/A |  |
| 6.4 | Job history and logs are accessible | ☐ PASS ☐ FAIL ☐ N/A |  |
| 6.5 | Performance analytics are available | ☐ PASS ☐ FAIL ☐ N/A |  |

**7. Integrations and Plugins**

| **Item** | **Description** | **Status** | **Comments** |
| --- | --- | --- | --- |
| 7.1 | Third-party tool integrations are working | ☐ PASS ☐ FAIL ☐ N/A |  |
| 7.2 | Source control integrations (Git, SVN, etc.) | ☐ PASS ☐ FAIL ☐ N/A |  |
| 7.3 | Build tool integrations (Jenkins, Maven, etc.) | ☐ PASS ☐ FAIL ☐ N/A |  |
| 7.4 | Artifact repository integrations | ☐ PASS ☐ FAIL ☐ N/A |  |
| 7.5 | Notification integrations (email, Slack, etc.) | ☐ PASS ☐ FAIL ☐ N/A |  |
| 7.6 | Custom plugins are functional | ☐ PASS ☐ FAIL ☐ N/A |  |

**8. Resource Management**

| **Item** | **Description** | **Status** | **Comments** |
| --- | --- | --- | --- |
| 8.1 | Resource pools are intact and functional | ☐ PASS ☐ FAIL ☐ N/A |  |
| 8.2 | Resource allocation and scheduling works | ☐ PASS ☐ FAIL ☐ N/A |  |
| 8.3 | Agent installation and configuration is proper | ☐ PASS ☐ FAIL ☐ N/A |  |
| 8.4 | Resource utilization monitoring works | ☐ PASS ☐ FAIL ☐ N/A |  |

**9. Configuration and Settings**

| **Item** | **Description** | **Status** | **Comments** |
| --- | --- | --- | --- |
| 9.1 | Global configuration settings are preserved | ☐ PASS ☐ FAIL ☐ N/A |  |
| 9.2 | License configuration is valid and current | ☐ PASS ☐ FAIL ☐ N/A |  |
| 9.3 | Email server configuration is working | ☐ PASS ☐ FAIL ☐ N/A |  |
| 9.4 | Backup and maintenance schedules are intact | ☐ PASS ☐ FAIL ☐ N/A |  |
| 9.5 | Log rotation and retention policies are active | ☐ PASS ☐ FAIL ☐ N/A |  |

**10. Performance and Monitoring**

| **Item** | **Description** | **Status** | **Comments** |
| --- | --- | --- | --- |
| 10.1 | System response times are acceptable | ☐ PASS ☐ FAIL ☐ N/A |  |
| 10.2 | Memory usage is within normal ranges | ☐ PASS ☐ FAIL ☐ N/A |  |
| 10.3 | CPU utilization is stable | ☐ PASS ☐ FAIL ☐ N/A |  |
| 10.4 | Database performance is optimal | ☐ PASS ☐ FAIL ☐ N/A |  |
| 10.5 | Log files are being generated properly | ☐ PASS ☐ FAIL ☐ N/A |  |

**11. API and REST Services**

| **Item** | **Description** | **Status** | **Comments** |
| --- | --- | --- | --- |
| 11.1 | REST API endpoints are responsive | ☐ PASS ☐ FAIL ☐ N/A |  |
| 11.2 | API authentication is working | ☐ PASS ☐ FAIL ☐ N/A |  |
| 11.3 | Test basic API operations (GET, POST, PUT) | ☐ PASS ☐ FAIL ☐ N/A |  |
| 11.4 | API documentation is accessible | ☐ PASS ☐ FAIL ☐ N/A |  |

**Summary**

**Critical Issues Found**

**List any critical issues that would prevent production upgrade:**

**Non-Critical Issues Found**

**List any minor issues that should be addressed but don't block production:**

**Recommendations**

Based on validation results:

* **PROCEED** with production upgrade
* **HOLD** production upgrade until issues are resolved
* **INVESTIGATE** further before making decision

**Overall Status**

* **Total Items Tested:** \_\_\_\_\_ / \_\_\_\_\_
* **Passed:** \_\_\_\_\_
* **Failed:** \_\_\_\_\_
* **Not Applicable:** \_\_\_\_\_

**Approval**

**Validator Signature:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Date:** \_\_\_\_\_\_\_\_\_\_\_\_\_

**Technical Lead Review:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Date:** \_\_\_\_\_\_\_\_\_\_\_\_\_

**Final Approval for PROD Upgrade:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Date:** \_\_\_\_\_\_\_\_\_\_\_\_\_

**Additional Notes**

Use this section for any additional observations, recommendations, or special considerations:

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