ABOUT THE CSA CLOUD CONTROLS MATRIX

• Provides fundamental security principles to guide cloud vendors and to assist cloud customers in assessing the overall security risk of a cloud provider
• Strengthens information security control environments by delineating control guidance by service provider and consumer, and by differentiating according to cloud model type and environment
• Provides a controls framework in 16 domains that are cross-walked to other industry-accepted security standards, regulations, and controls frameworks to reduce audit complexity
• Seeks to normalize security expectations, cloud taxonomy and terminology, and security measures implemented in the cloud

ABOUT THE CCM VERSION CONTROL

Version updates named as a 0.0.X release will include:
• New and updated mappings, and/or
• Minor changes in control specification language.

WHAT’S NEW IN THIS VERSION!

• New or updated mappings to the following
  + AICPA 2014 Trust Services Criteria
  + Canada PIPEDA (Personal Information Protection Electronic Documents Act)
  + COBIT 5.0
  + COPPA (Children’s Online Privacy Protection Act)
  + CSA Enterprise Architecture
  + ENISA (European Network Information and Security Agency) Information Assurance Framework
  + European Union Data Protection Directive 95/36/EC
  + FERPA (Family Education and Rights Privacy Act)
  + HIPAA/HITECH act and the Omnibus Rule
  + ISO/IEC 27001:2013
  + ITAR (International Traffic in Arms Regulation)
  + Mexico - Federal Law on Protection of Personal Data Held by Private Parties
  + NIST SP800-53 Rev 3 Appendix J
  + NZISM (New Zealand Information Security Manual)
  + ODCA (Open Data Center Alliance) Usage Model PAAS Interoperability Rev. 2.0
  + PCI DSS v3
• Consolidation of redundant controls
• Rewritten controls for clarity of intent, STAR enablement, and SDO alignment
### Quick Stats

Cloud Controls Matrix v3.0

<table>
<thead>
<tr>
<th>CCM v3.0.1 DOMAINS</th>
<th>CCM v3.0 DOMAINS</th>
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</thead>
<tbody>
<tr>
<td>AIS</td>
<td>Human Resources Security</td>
</tr>
<tr>
<td>AAC</td>
<td>Identity &amp; Access Management</td>
</tr>
<tr>
<td>BCR</td>
<td>Infrastructure &amp; Virtualization</td>
</tr>
<tr>
<td>CCC</td>
<td>Interoperability &amp; Portability</td>
</tr>
<tr>
<td>DSI</td>
<td>Mobile Security</td>
</tr>
<tr>
<td>DSC</td>
<td>Sec. Inc. Mgmt, E-Disc &amp; Cloud Forensics</td>
</tr>
<tr>
<td>EKM</td>
<td>Supply Chain Mgmt, Transparency &amp; Accountability</td>
</tr>
<tr>
<td>GRM</td>
<td>Threat &amp; Vulnerability Management</td>
</tr>
</tbody>
</table>

136 CONTROLS
Cloud Controls Matrix v3.0

133 CONTROLS
Cloud Controls Matrix v3.0.1

### CONTROL SPECIFICATION NUMBERING UPDATES

- **BCR-10** (Business Continuity Management & Operational Resilience Management Program) has been removed and consolidated in **BCR-01**.
- **BCR-11** (Business Continuity Management & Operational Resilience Policy) has been moved to the **BCR-10** Control Domain.
- **BCR-12** (Business Continuity Management & Operational Resilience Retention Policy) has been moved to the **BCR-11** Control Domain.
- **DSI-05** (Data Security & Information Lifecycle Management Information Leakage) has been removed since data loss/leakage is covered in other controls such as **GRM-02**, **GRM-04**, and **DCS-08**.
- **DSI-06** (Data Security & Information Lifecycle Management Non-Production Data) has been moved to the **DSI-05** Control Domain.
- **DSI-07** (Data Security & Information Lifecycle Management Ownership / Stewardship) has been moved to the **DSI-06** Control Domain.
- **DSI-08** (Data Security & Information Lifecycle Management Secure Disposal) has been moved to the **DSI-07** Control Domain.
- **GRM-12** (Governance and Risk Management Risk Management Framework) has been removed as it was addressed in **GRM-11**.
- **HRS-05** (Human Resources Industry Knowledge / Benchmarking) has been removed and assumed as regular practices.
- **HRS-06** (Human Resources Mobile Device Management) has been moved to the **HRS-05** Control Domain.
- **HRS-07** (Human Resources Non-Disclosure Agreements) has been moved to the **HRS-06** Control Domain.
- **HRS-08** (Human Resources Roles / Responsibilities) has been moved to the **HRS-07** Control Domain.
- **HRS-09** (Human Resources Technology Acceptable Use) has been moved to the **HRS-08** Control Domain.
- **HRS-10** (Human Resources Training / Awareness) has been moved to the **HRS-09** Control Domain.
- **HRS-11** (Human Resources User Responsibility) has been moved to the **HRS-10** Control Domain.
- **HRS-12** (Human Resources Workspace) has been moved to the **HRS-11** Control Domain.
- **IVS-13** (Infrastructure & Virtualization Security Network Architecture) has been added. This domain has been split off from the **IVS-06** Control Domain.