**IT Assurance Risk Assessment Matrix (EXAMPLE)**

**Data/Information**

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| **Threat** | **Vulnerability** | **Impact** | **Likelihood** | **Risk** | **Control Recommendation** |
| Malicious human interference - DDOS Attack  **HIGH** | Firewall is configured properly and has good DDOS mitigation.  **LOW** | Website resources will be unavailable.  **CRITICAL** | DDOS was discovered once in 2 years.  **MEDIUM** | Potential loss of $10,000 per hour of downtime.  **MEDIUM** | Monitor the firewall. |
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**Hardware**

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| **Threat** | **Vulnerability** | **Impact** | **Likelihood** | **Risk** | **Control Recommendation** |
| System failure - Overheating in server room.  **HIGH** | Air-conditioning system is ten years old.  **HIGH** | All services (website, email, etc.) will be available for at least 3 hours.  **CRITICAL** | Current temperature in server room is 40C.  **HIGH** | Potential loss of $50,000 per occurrence.  **HIGH** | Purchase a new air conditioner $3,000 cost. |
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**Intangible**

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| **Threat** | **Vulnerability** | **Impact** | **Likelihood** | **Risk** | **Control Recommendation** |
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**People**

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| **Threat** | **Vulnerability** | **Impact** | **Likelihood** | **Risk** | **Control Recommendation** |
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**Service**

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| **Threat** | **Vulnerability** | **Impact** | **Likelihood** | **Risk** | **Control Recommendation** |
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**Software**

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| **Threat** | **Vulnerability** | **Impact** | **Likelihood** | **Risk** | **Control Recommendation** |
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