

Risk Management Project – Information Asset Identification

Course: Implementing a Risk Management Framework (Coursera)

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Case Organization: Business Supplies, Inc. (BSI)

Part 1 – Information Asset Inventory and Prioritization

Table 1 – Listing of Information Assets

Asset	Data Owner	Type of Sensitive Data
Active Directory Service	CIO	PII
AD SQL Database	CIO	PII
DNS Service	CIO	Confidential
DNS SQL Database	CIO	Confidential
Exchange Email Application	CIO	PII
Email Database	CIO	PII
Accounting System (TAS)	CFO	PCI / PII
Accounting Database	CFO	PCI / PII
HRIS Application	HR Manager	PII
HR Database	HR Manager	PII
ERP System	COO	Confidential
Customer CRM System	Sales Manager	PII
NAS 1 Backup System	CIO	Confidential
NAS 2 Backup System	CIO	Confidential

Table 2 – Weighted Ranking of Information Assets

Criteria Weights: Confidentiality = 0.40, Integrity = 0.35, Availability = 0.25

Asset	Confidentiality (0–5)	Integrity (0–5)	Availability (0–5)	Weighted Total	Priority
Accounting Database	5	5	4	4.75	1
Accounting System (TAS)	5	5	4	4.75	2

Active Directory Service	4	5	5	4.6	3
AD SQL Database	4	5	5	4.6	4
NAS 1 Backup System	4	4	5	4.25	5
NAS 2 Backup System	4	4	5	4.25	6
HR Database	5	4	3	4.15	7
HRIS Application	5	4	3	4.15	8
Customer CRM System	5	4	3	4.15	9
ERP System	3	4	4	3.6	10
DNS Service	3	4	4	3.6	11
DNS SQL Database	3	4	4	3.6	12
Exchange Email Application	3	3	3	3.0	13
Email Database	3	3	3	3.0	14