Failure Mode Effects Analysis, v1

Product Name	MyIPFWAdvisor
Product Owner	IPFW

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Key Process Step or Input	Potential Failure Mode	Potential Failure Effects	Potential Causes	Current Controls	Actions Recommended	Responsibility	Actions Taken	SEV	OCC	DET	RPN
Which Step or Input?	*How Can the Process Step or Input Fail*	*How are Key Output Variables Affected?*	*What Causes the Key Input to Fail?*	*What Prevention Controls and Procedures Currently Exist?*	*What are Actions That Could Lower the Frequency of Cause Occurrence, or Improve Detection?*	*Who is Responsible for the Recommended Actions?*	*Note the Actions Taken.*	*Severity*	*Frequency*	*Detection Capability*	*SEV*OCC*DET*
Cmap Failure	IHMC Public Cmap servers could fail.	Loss of data, loss of structure data	Various disasters (fire, blackout, etc.)	Crude individual backups	Make regular cmap backups on other servers	Connor Becker Trent Forkert	Backups made now; future backups scheduled.	5	1	2	10

Rating Scale, Severity (SEV)	
10	Hazardous
8	Loss of Primary Function
5	Loss of Secondary Function
2	Minor Defect
1	Little or No Defect

Rating Scale, Occurrence (OCC)	
10	Inevitable
8	Frequent Failures
5	Moderate Failures
2	Occasional Failures
1	Failure Unlikely

Rating Scale, Detection (DET)	
10	Almost Undetectable
8	Very Low Detection Chance
5	Low Detection Chance
2	Reasonable Detection Chance
1	Almost Certain Detection

RPN = SEV * OCC * DET