



THE LINUX FOUNDATION



NORTH AMERICA

Small Government Big Problems

Utilizing Open Source to
Serve our Citizens



Who am I?

- Big Nerd
- 20+ years in Public Service
- Never had a budget
- 1 man shop to ND Largest County



WHY DOES THE GOVERNMENT








NOT SIMPLY MODERNIZE?

imgflip.com





GENERAL GUIDELINES FOR ALL AGENCIES

-  No new FTE
-  No new buildings
-  Any new ongoing proposals should be offset by a corresponding reduction in ongoing expenditures
-  FTE pool underfunding restored in the executive base budget
-  Cost to continue current salary increases included in executive base budget



GENERAL FUND GUIDELINES

% Reduction for General Fund Base Budget

< \$10M
Hold Even

\$10M to \$20M
3% Reduction

> \$20M
10% Reduction

Higher Education Formula

3% Reduction

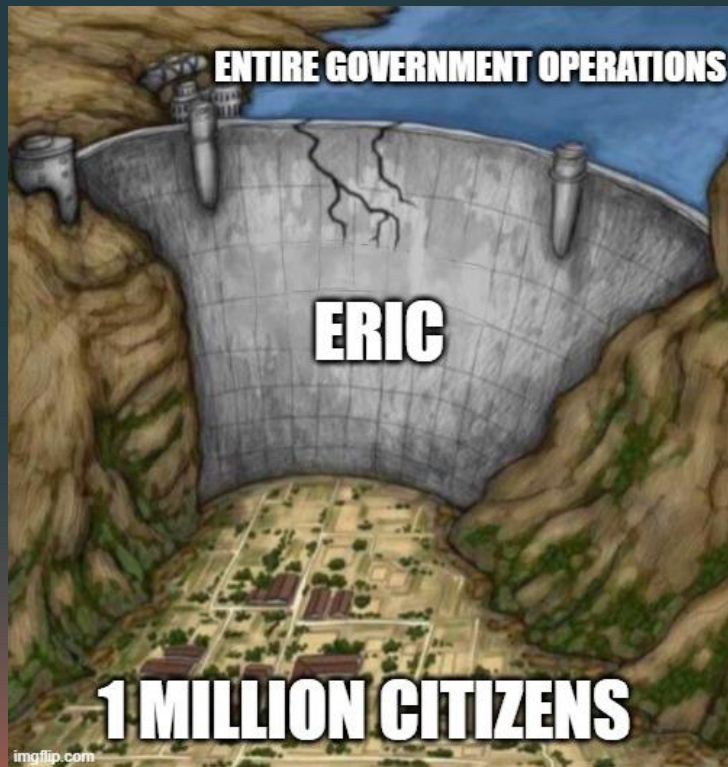
Hold Even – No Reduction

Higher Ed Student Aid
Programs Appropriated
to NDUS Office

K-12 State Aid Formula

CTE Formula





- Can't leave vendors
- Can't adapt systems
- Can't move quickly



Time
Expertise
Specialization
Flexibility





Expensive
Rigid
Lock-in
YoY Uplift



Engineer Mindset
Documentation
Clear Support
Complexity





Can't Change
Can't Leave
Can't Improve









What's worked?

Netbox
GLPI
Snipe-IT

CheckMK
Grafana
Prometheus

Keycloak

Docker Swarm

Oxidized

SSLH

OPNSense

Proxmox

XCP-NG

TrueNas

OSTicket

Ollama

Ansible

Ceph

RustFS

PostFix

MatterMost

Nextcloud

Powershell

Python

Go

Nginx

Traefik





**How do we get back
on the right track?**



Rules of Engagement

Reduce Decisions/Options

Opinionated Defaults

Excellent documentation

Design for turnover

Real support – as an option



FUD



OPEN SOURCE SUMMIT

THE LINUX FOUNDATION

NORTH AMERICA



Embedded Linux
Conference





How wonderfully bureaucratic.





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