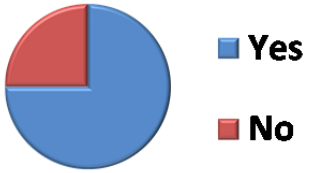
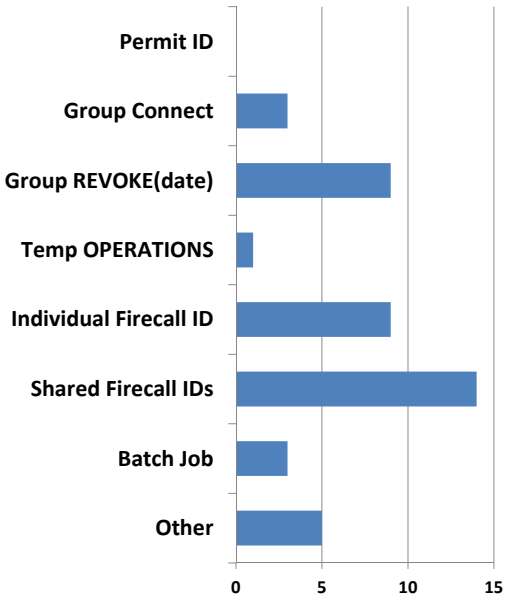
Do you have a means of granting users temporary elevated access authority to fix production problems?

Responses	Count	Percent %
Yes	36	75.0%
No	12	25.0%
Total	48	100%



How do you grant users elevated access? (Check all that apply)

Responses	Count	%
Permit access to the user's ID	0	0%
Connect users to groups having additional access	3	9.4%
Connect users to groups having additional access with REVOKE(date)	9	28.1%
Temporarily add OPERATIONS authority to user's ID	1	3.1%
Assign users individual Firecall IDs that are activated when needed	9	28.1%
Have a set of shared Firecall IDs that users check out as needed	14	43.8%
Have users provide batch jobs submitted by Production Control with Special IDs	3	9.4%
Other: • I really haven't had to elevate access in an emergency • Use a product that grants them Production access temporarily and audits the updates they are making. • All our sysprogs have a 2nd userid with Special that is fully audited and zsecure emails the RACF admins of every use. • We have two ids which we usually use for DRP, but they can be also used in emergencies if needed. Passwords are in envelopes which are stored at DR site. Both ids are System Special, Operations, Auditor. • ETF/A	5	15.6%
Total	32	



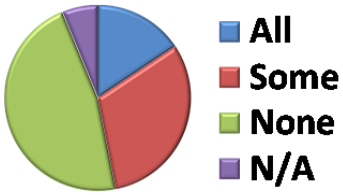
RACF Survey

Survey 103

April 2020

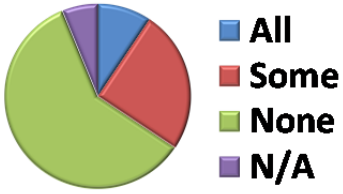
Do the Firecall or Special Batch IDs have OPERATIONS authority?

Responses	Count	Percent %
Yes, all have OPERATIONS	5	15.6%
Yes, some have OPERATIONS	10	31.3%
No	15	46.9%
Not Applicable	2	6.2%
Total	32	100%



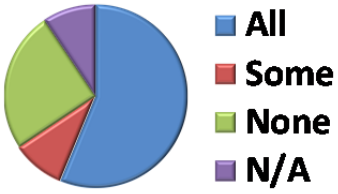
Do the Firecall or Special Batch IDs have SPECIAL authority?

Responses	Count	Percent %
Yes, all have SPECIAL	3	9.4%
Yes, some have SPECIAL	8	25.0%
No	19	59.4%
Not Applicable	2	6.2%
Total	32	100%



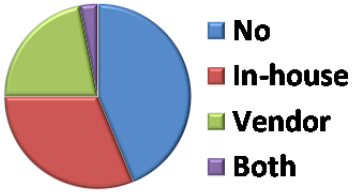
Do the Firecall or Special Batch IDs have UAUDIT?

Responses	Count	Percent %
Yes, all have UAUDIT	18	56.2%
Yes, some have UAUDIT	3	9.4%
No	8	25.0%
Not Applicable	3	9.4%
Total	32	100%



Do you use software tools to grant elevated access?

Responses	Count	Percent %
No	14	43.8%
Yes, using in-house developed software	10	31.2%
Yes, using a vendor product(s)	7	21.9%
Yes, using a combination of in-house software and vendor product(s)	1	3.1%
Total	32	100%



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RACF Professional Services

What vendor product(s) do you use? (Check all that apply)

Responses	Count	Percent %
EKC - ETF/R	4	50.0%
CyberArk - Password Vault	4	50.0%
Other • We use a product developed by a small local vendor. It is a "virtual envelope" administrator. It runs on Windows. For the Mainframe case, it just checks if you are authorized to request the firecall id and then shows its credentials (userid and pw). After finishing, the product automatically changes the firecall id password (it has a client running on Mainframe side).	1	12.5%
Total	**8**