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User/group based access control for ElasticSearch + Kibana

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Kibana and ElasticSearch are used for monitoring in many places. However, by default they do not support authentication and authorization features. In the case of single Kibana and ElasticSearch services shared among many users, any user that can access Kibana can retrieve any information from ElasticSearch.

In this talk, we will report on our latest R&D experience in securing the Kibana and ElasticSearch services. We will describe a Kibana plugin that allows Kibana dashboards to be separated based on user/group. We will also describe the effect on performance from using SearchGuard, which is an ElasticSearch plugin enables user/group based access control.

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