



## CS 6393: Cyber Security Models and Systems

## AWS and AWS-IoT Access Control Models

## Ravi Sandhu

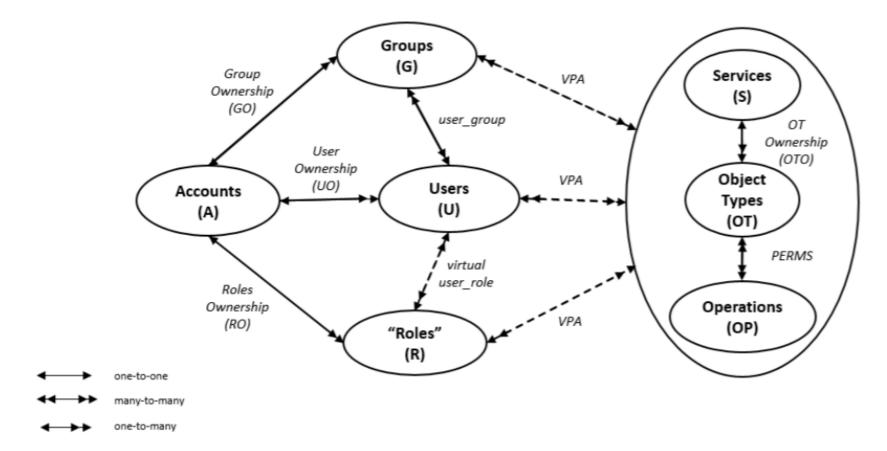
L6-3



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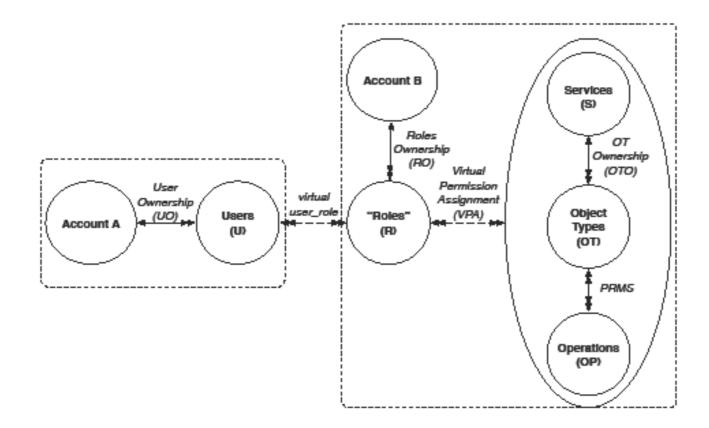
\* Zhang, Y., Patwa, F., Sandhu, R.: Community-based secure information and resource sharing in AWS public cloud. In: 1st IEEE Conference on Collaboration and Internet Computing (CIC). pp. 46–53. IEEE (2015)





**AWS Access Control (AWSAC) Model** 

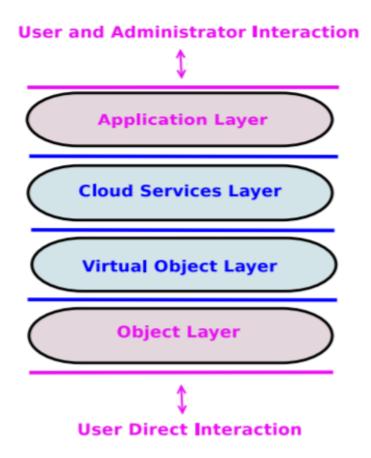




\* Zhang, Y., Patwa, F., Sandhu, R.: Community-based secure information and resource sharing in AWS public cloud. In: 1st IEEE Conference on Collaboration and Internet Computing (CIC). pp. 46–53. IEEE (2015)





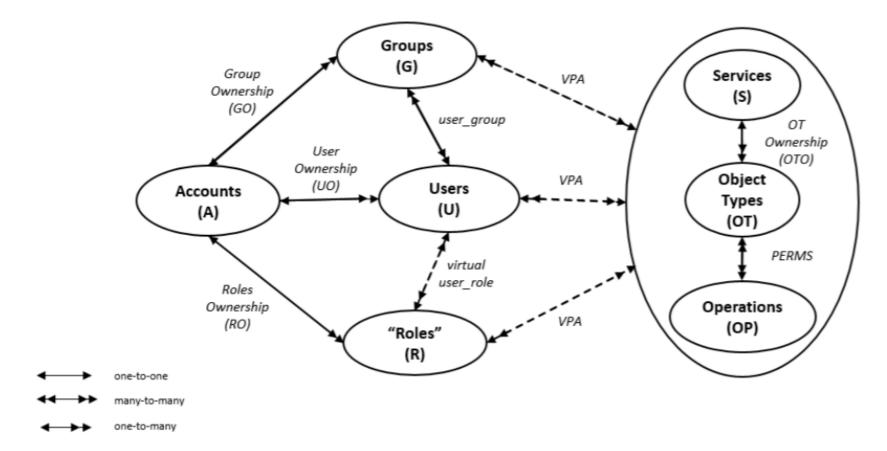


\* Alshehri, A., Sandhu, R.: Access control models for cloud-enabled internet of things: a proposed architecture and research agenda. In: 2nd IEEE International Conference on Collaboration and Internet Computing (CIC), pp. 530–538. IEEE (2016)









\* Zhang, Y., Patwa, F., Sandhu, R.: Community-based secure information and resource sharing in AWS public cloud. In: 1st IEEE Conference on Collaboration and Internet Computing (CIC). pp. 46–53. IEEE (2015)

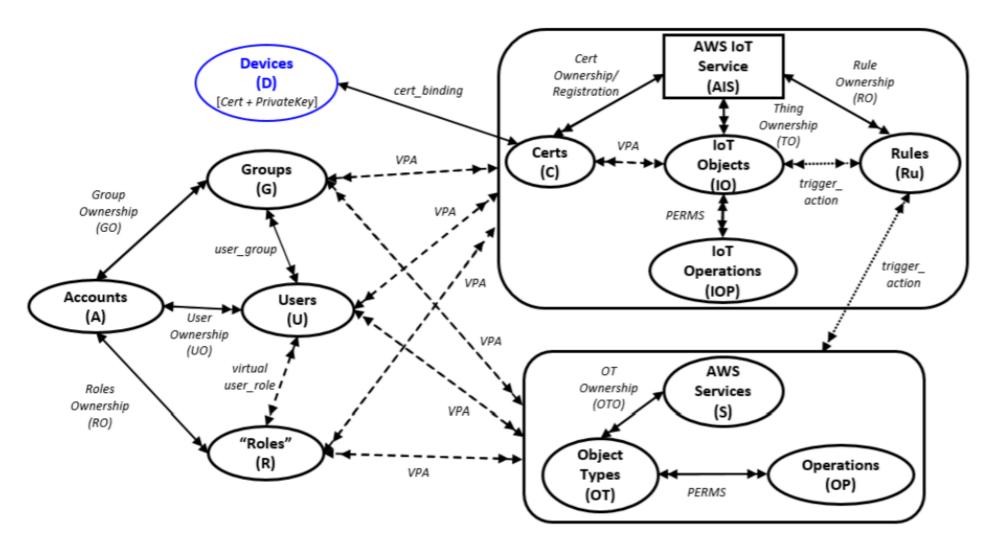


## **Access Control Model for AWS IoT**



Center for Security and Privacy Enhanced Cloud Computing

**C**·**SPECC** 



\* Smriti Bhatt, Farhan Patwa and Ravi Sandhu, Access Control Model for AWS Internet of Things. In Proceedings of the 11th International Conference on Network and System Security (NSS), Helsinki, Finland, August 21-23, 2017, 15 pages.

