

Input sequence  $S_i$

Seq	Template
$e_1$	Creating image
$e_2$	VM Lifecycle Event
$e_3$	Deleting instance files
$e_4$	Claim successful
$e_5$	Instance successfully

template  
embeddings

**LSTM**

Output conditional  
probability

$\Pr(e_6   S_i)$	
4	0.56
0	0.25
1	0.11
....	

Seq	True class
$e_6$	5

Compare top-3  
predictions to true  
class  $e_6$

Anomaly