

$$C = g^r || H\left(g^{r\alpha_{\text{Bob}}}\right) || E_{pk_{ID_{\text{Bob}}}}\left(vk || g^{r\alpha_{\text{Bob}}} || K\right) || H\left(g^{r\alpha_{\text{Dylan}}}\right) || E_{pk_{ID_{\text{Dylan}}}}\left(vk || g^{r\alpha_{\text{Dylan}}} || K\right) || \sigma || E_K\left(M || ID_{\text{Bob}} || ID_{\text{Dylan}}\right)$$